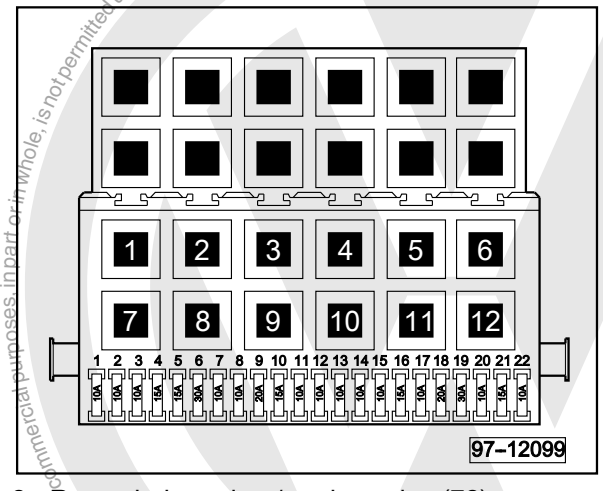
Caddy/Polo Classic- Basic equipment

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



2 - Rear window wiper/washer relay (72)
4 - X contact relief relay (18)
6 - Hazard warning light relay (21)
8 - Automatic intermittent wash/wipe relay (19)
11 - Dual tone horn relay (53)

Notes:

- *The number in brackets behind the part number designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige

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satelettronica

3 A - purple

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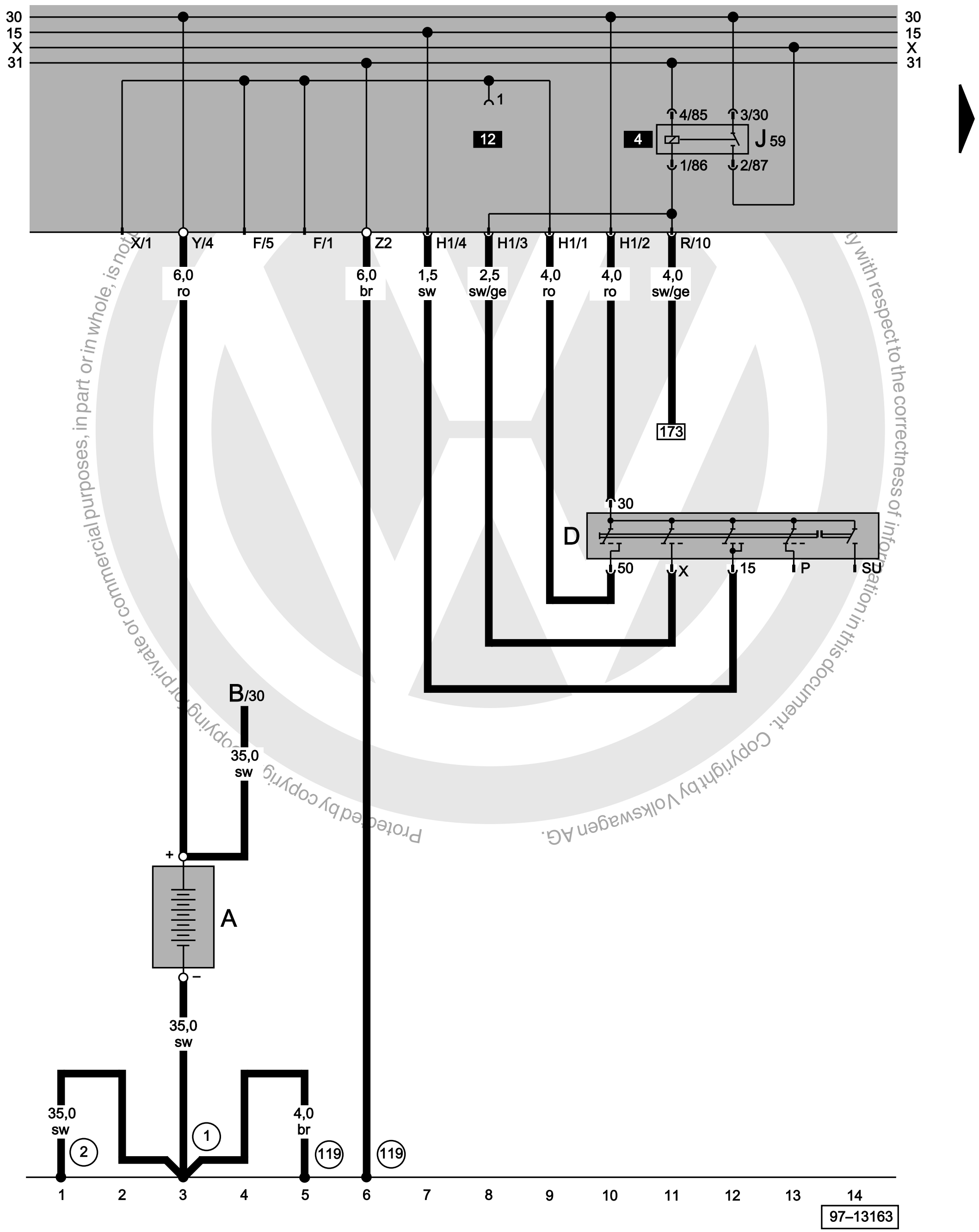

Battery, ignition/starter switch

A	Battery
B	Starter
D	Ignition/starter switch
J59	X contact relief relay
1	Earth strap, battery - body
2	Earth strap, gearbox - body
119	Earth connection -1-, in headlight wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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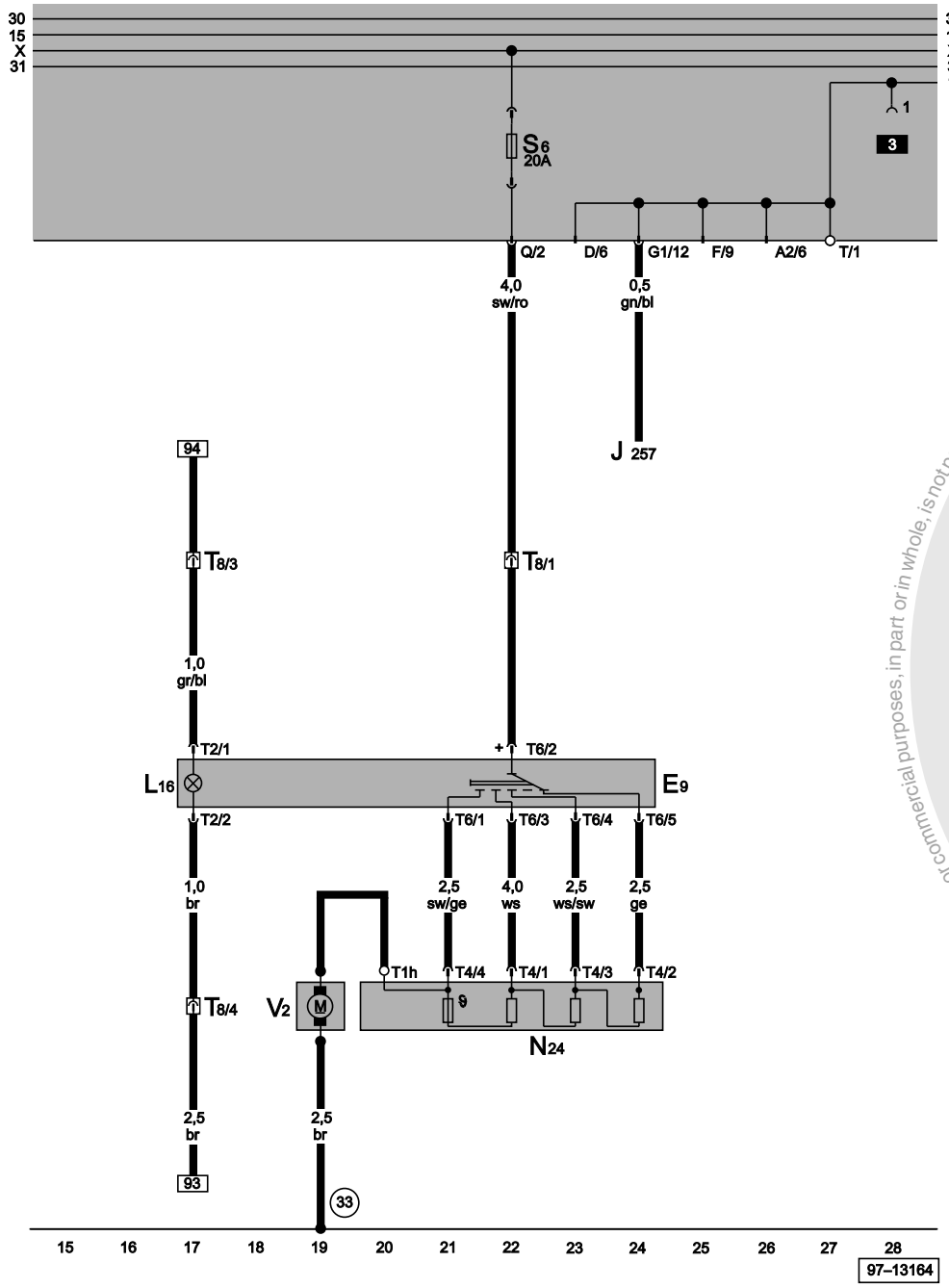

Fresh air blower

E9	Fresh air blower switch
J257	Mono-Motronic control unit, in plenum chamber, left
L16	Fresh air control light bulb
N24	Fresh air blower with overheating fuse series resistor
T1h	Single connector, on fresh air blower series resistor
T2	2-pin connector
T4	4-pin connector
T6	6-pin connector, on fresh air blower switch
T8	8-pin connector
V2	Fresh air blower
33	Earth point, behind dash panel, right

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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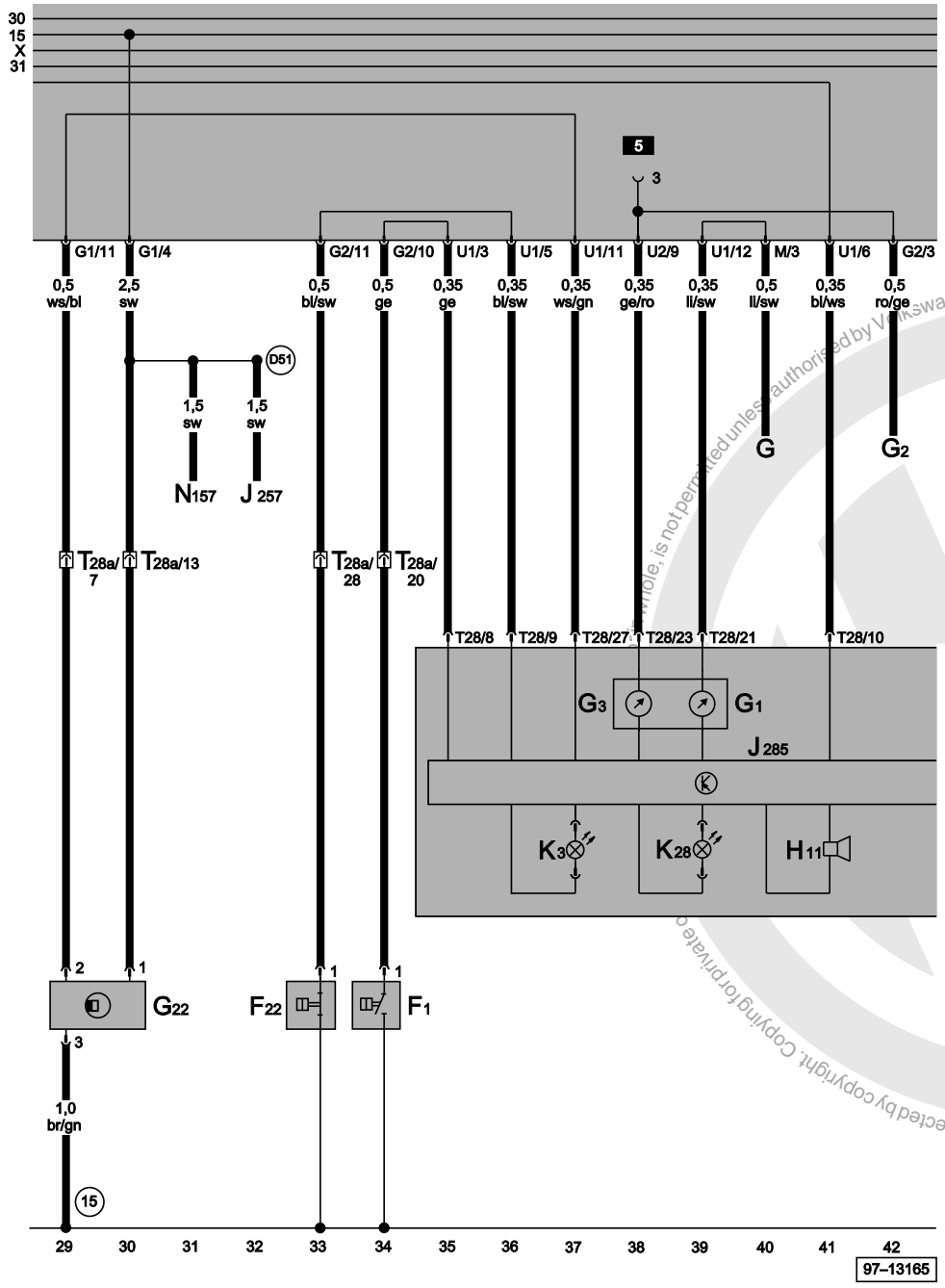

Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, speedometer sender, optical and acoustical oil pressure warning

F1	Oil pressure switch*
F22	Oil pressure switch (0.25 bar)
G	Fuel gauge sender
G1	Fuel gauge
G2	Coolant temperature senders
G3	Coolant temperature gauge
G22	Speedometer sender (hall sender, on gearbox)
H11	Oil pressure warning buzzer
J257	Mono-Motronic control unit, in plenum chamber, left
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
K28	Coolant temperature warning lamp Coolant shortage indicator
N157	Ignition transformer output stage
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left
15	Earth point, on cylinder head
D51	Positive (+) connection -1- (15), in engine compartment wiring harness
*	For switch values, Engine Workshop manual, Caddy 1996►, Polo Classic 1996►

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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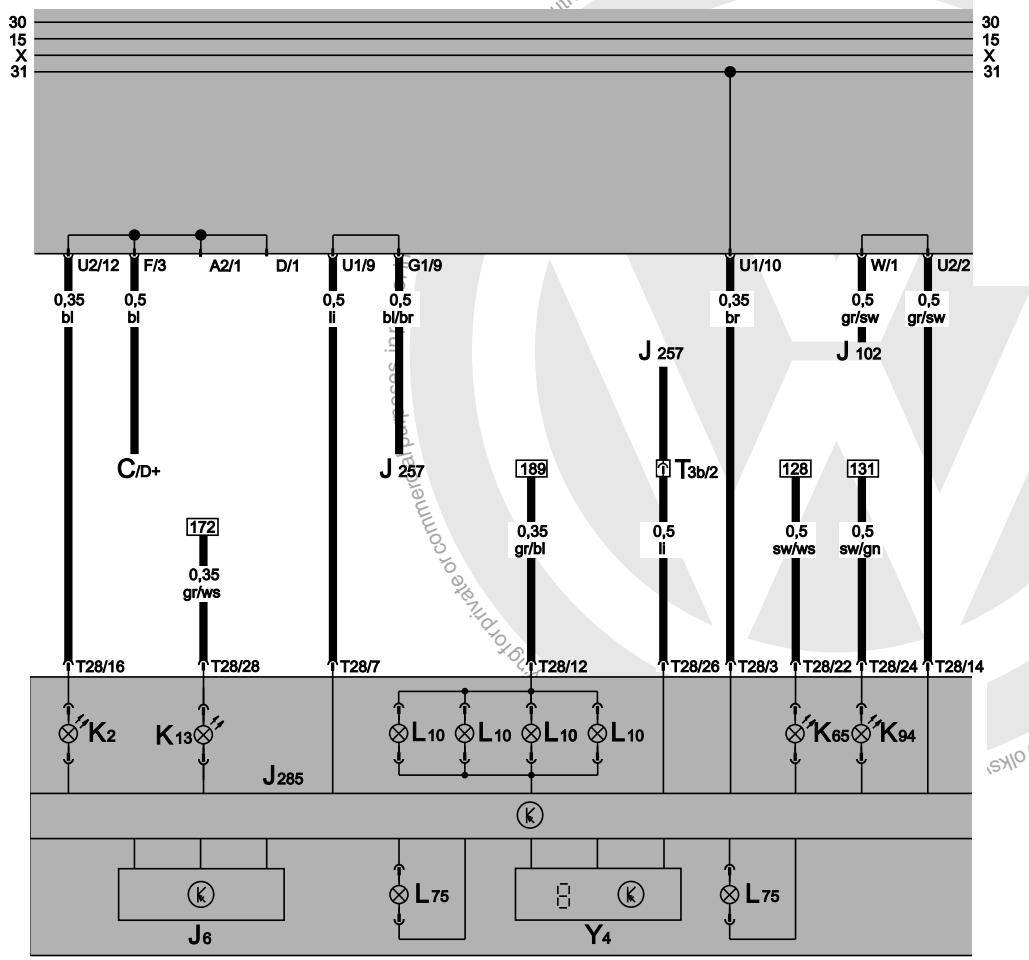

Dash panel insert, warning lamp, odometer display

C	Alternator
J6	Voltage stabiliser
J102	Relay for ABS
J257	Mono-Motronic control unit, in plenum chamber, left
J285	Control unit with display dash panel insert
K2	Alternator warning lamp
K13	Rear fog light warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
L10	Dash panel insert light bulb
L75	Digital display illumination
T3b	3-pin connector
T28	28-pin connector, on dash panel insert
Y4	Odometer display

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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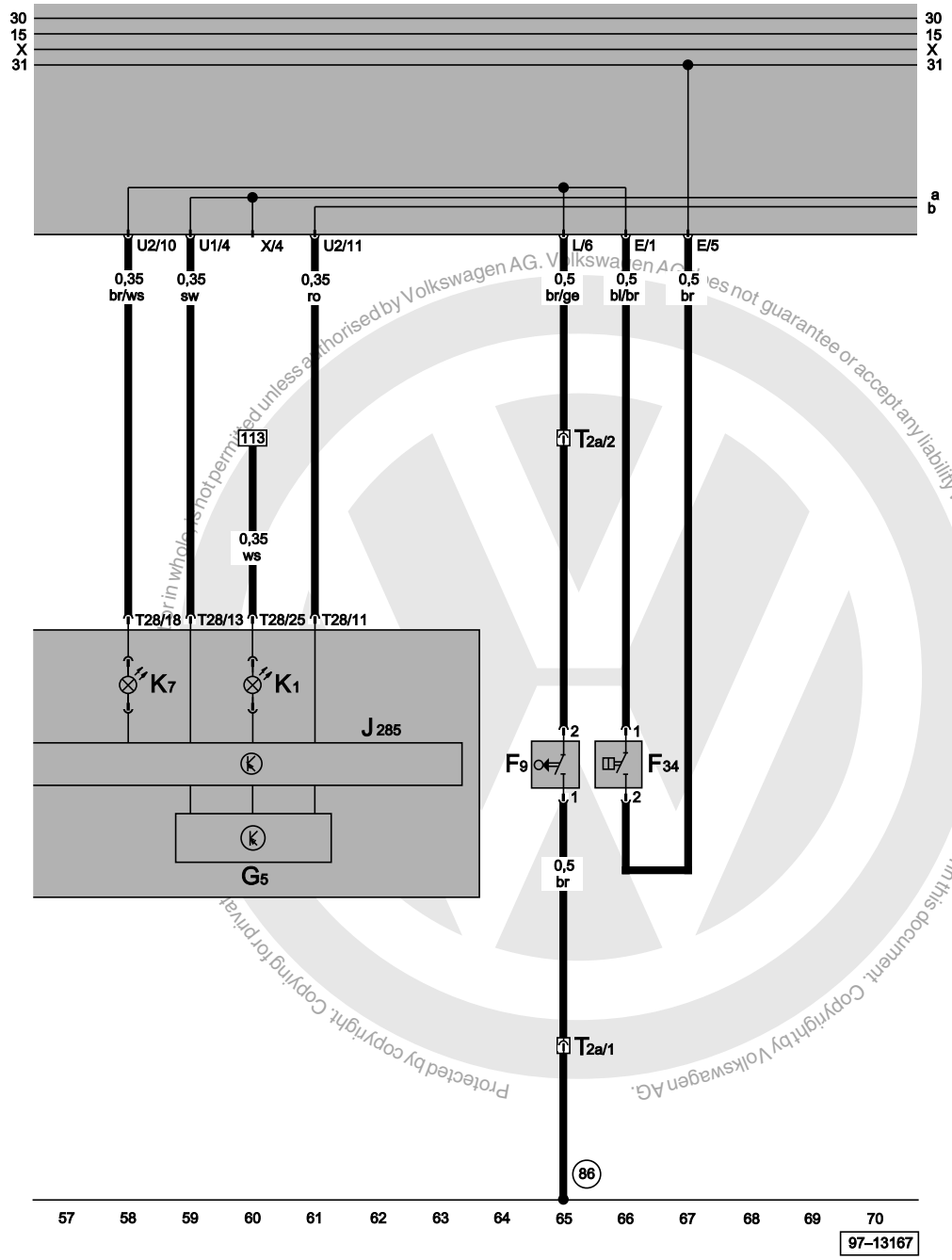

Dash panel insert, rev. counter, handbrake warning switch and brake fluid level

F9	Handbrake warning switch
F34	Brake fluid level warning contact
G5	Rev. counter
J285	Control unit with display in dash panel insert
K1	Main beam warning lamp
K7	Dual circuit brake/handbrake warning lamp
T2a	2-pin connector
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left
86	Earth connection -1-, in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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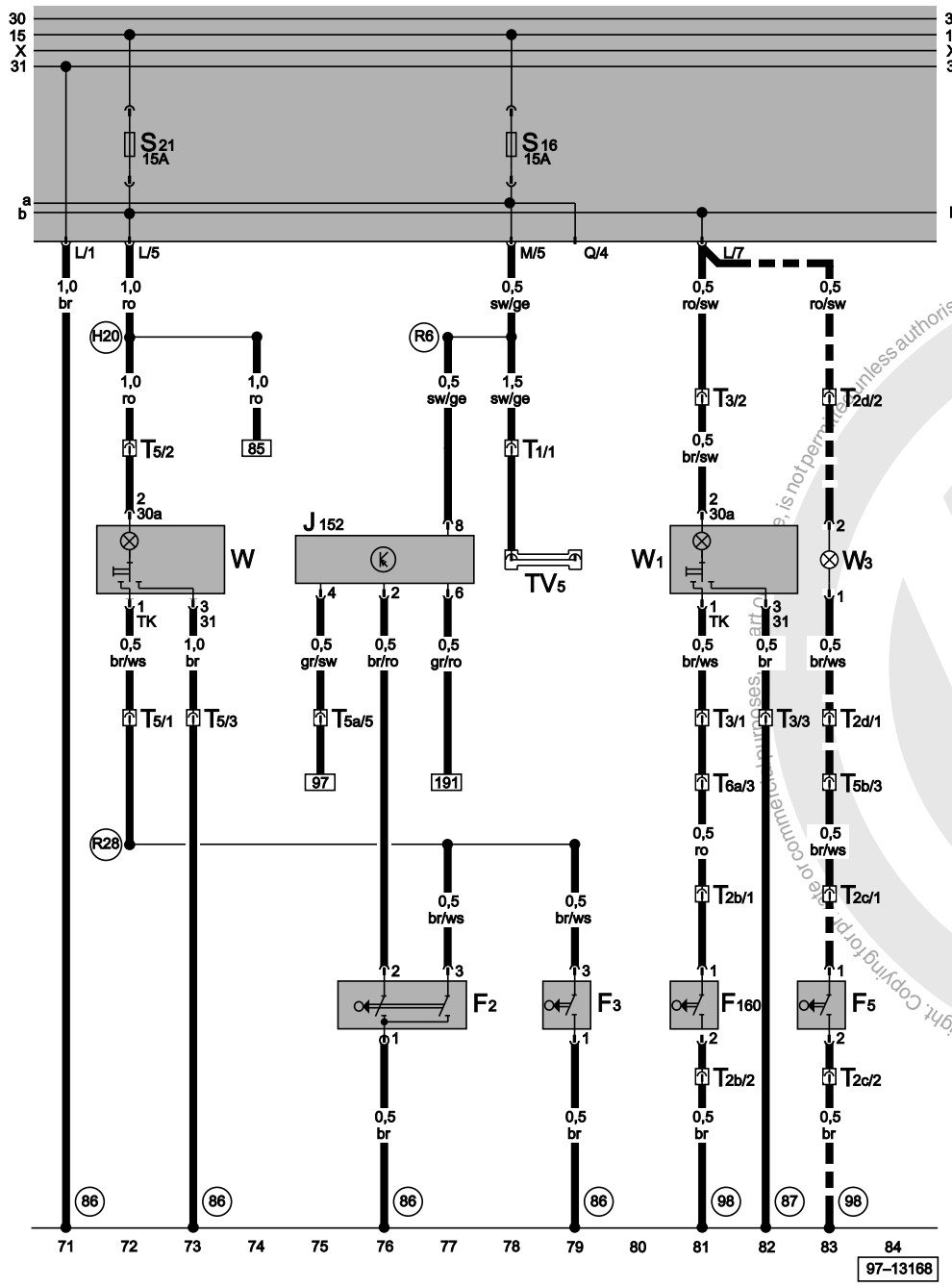

Door contact switch, front interior light, luggage compartment light, load area light

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F5	Luggage compartment light switch
F160	Door contact switch rear
J152	Warning buzzer for side light, above the relay plate
T1	Single connector
T2b	2-pin connector
T2c	2-pin connector
T2d	2-pin connector
T3	3-pin connector
T5	5-pin connector
T5a	5-pin connector
T5b	5-pin connector
T6a	6-pin connector
TV5	Terminal 15a junction box
W	Interior light, front
W1	Rear interior light / luggage compartment
W3	Luggage compartment light
86	Earth connection -1-, in rear wiring harness
87	Earth connection -2-, in rear wiring harness
98	Earth connection, in tailgate/boot lid wiring harness
H20	Connection -1-, in diagnosis wiring harness
R6	Positive (+) connection -1-, in interior light/door contact switch wiring harness
R28	Connection -2- (door contact switch), in rear wiring harness
---	Only models Polo Classic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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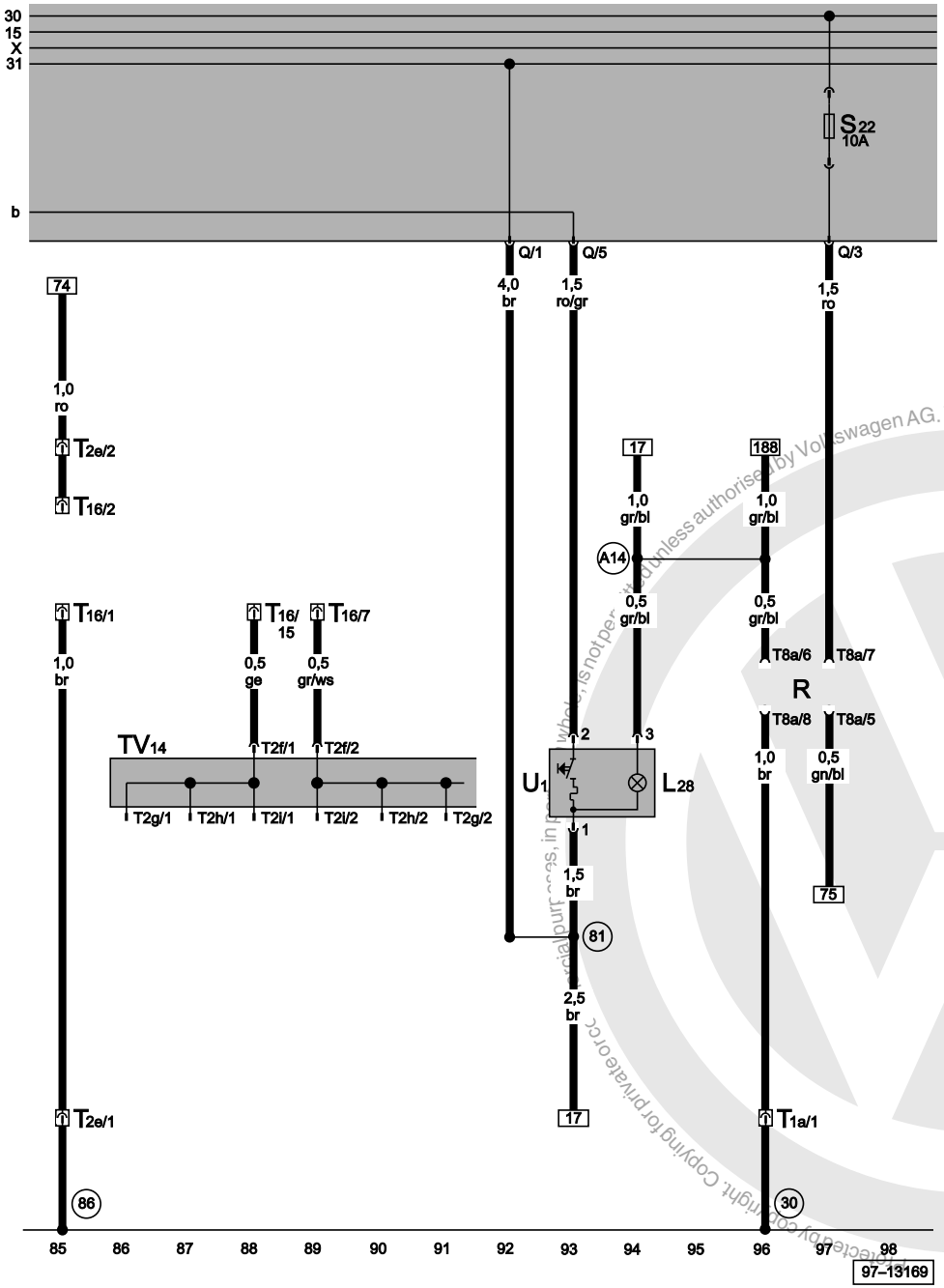

Terminal for self–diagnosis, cigarette lighter, connection for radio, self–diagnosis connection

L28	Cigarette lighter light bulb
R	Radio
T1a	Single connector
T2e	2-pin connector
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T2i	2-pin connector
T8a	8-pin connector, on radio
T16	16-pin connector, self-diagnosis connection in left lower console
TV14	Terminal for self-diagnosis, behind the relay plate
U1	Cigarette lighter
30	Earth point -1-, next to relay plate
81	Earth connection -1-, in dash panel wiring harness
86	Earth connection -1-, in rear wiring harness
A14	Positive (+) connection (58b), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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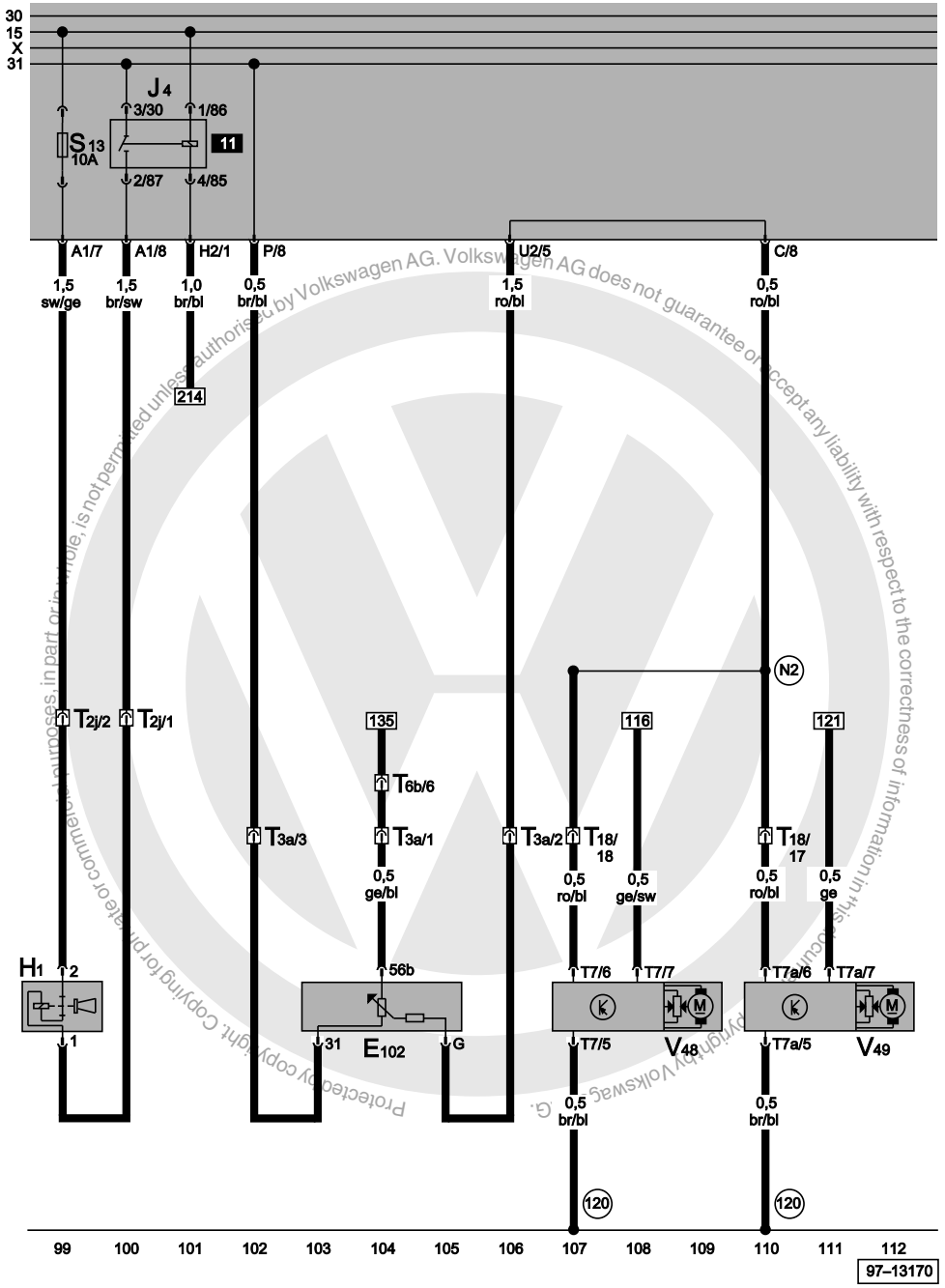

Headlight range control, horn

E102	Headlight range control adjuster
H1	Horn
J4	Dual tone horn relay
T2j	2-pin connector
T3b	3-pin connector
T6b	6-pin connector
T7	7-pin connector
T7a	7-pin connector
T18	32-pin connector, near radiator left
V48	Headlight range control motor, left
V49	Headlight range control motor, right
N2	Headlight range adjustment wiring harness
120	Earth connection -2-, in headlight wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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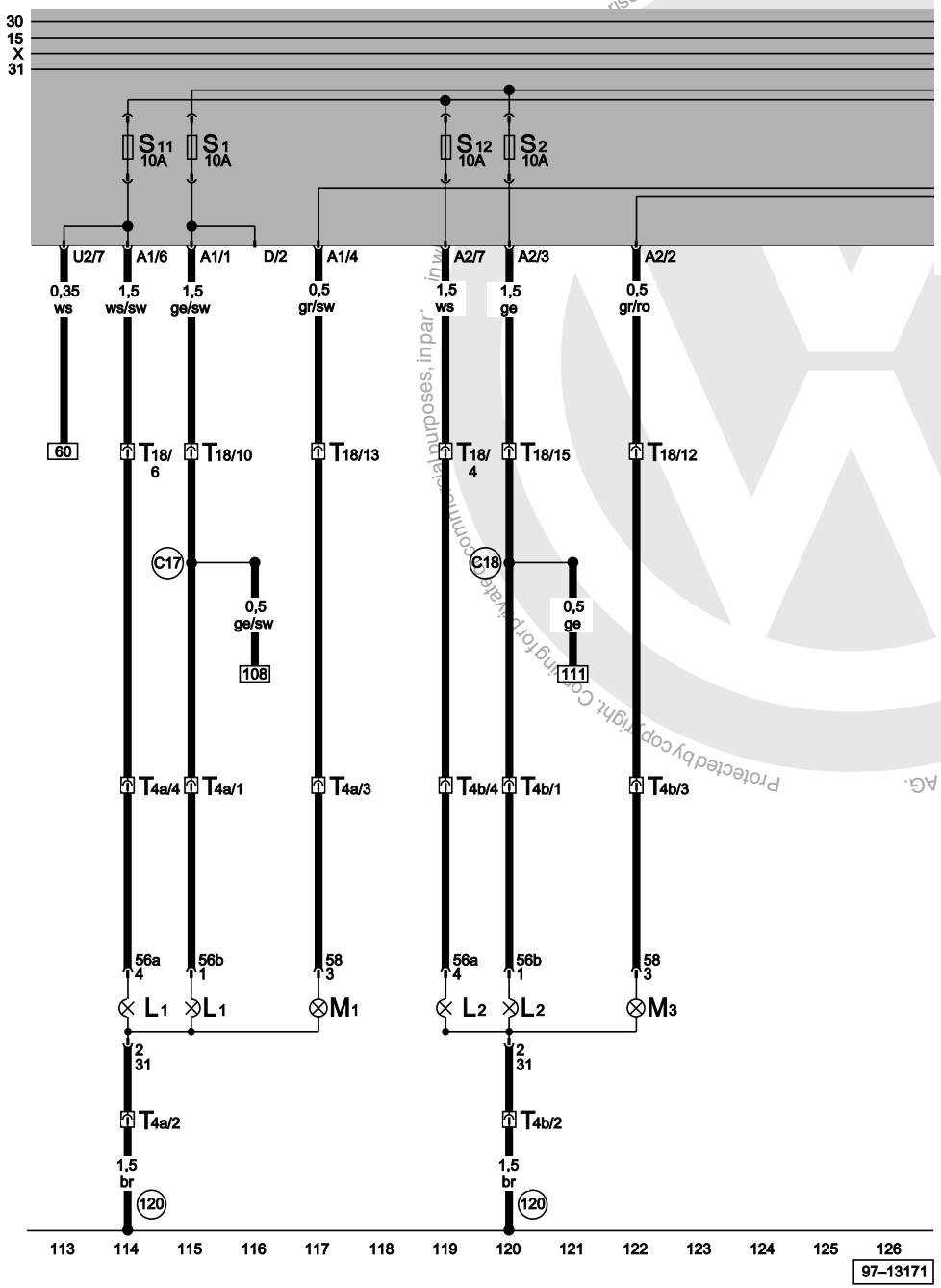

Headlights, side lights

L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
M1	Side light bulb, left
M3	Side light bulb, right
T4a	4-pin connector
T4b	4-pin connector
T18	18-pin connector, near radiator left
120	Earth connection -2-, in headlight wiring harness
C17	Connection (56b) -1-, in front lighting wiring harness
C18	Connection (56b) -2-, in front lighting wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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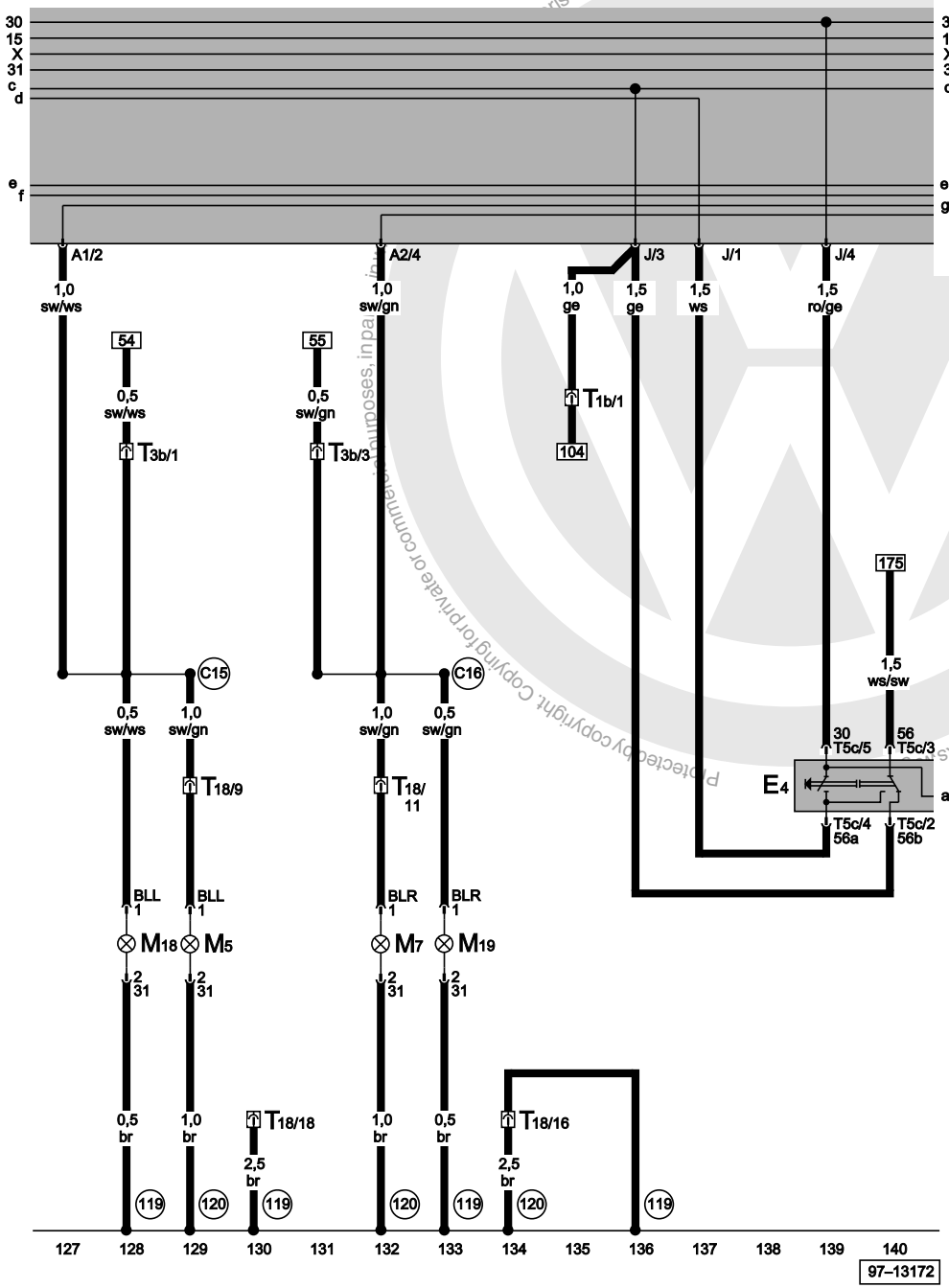

Headlight dipper/flasher switch, front turn signal

E4	Headlight dipper/flasher switch
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T1b	Single connector
T3b	3-pin connector
T5c	5-pin connector
T18	18-pin connector, near radiator left
119	Earth connection -1-, in headlight wiring harness
120	Earth connection -2-, in headlight wiring harness
C15	Connection -1-, in headlight wiring harness
C16	Connection -2-, in headlight wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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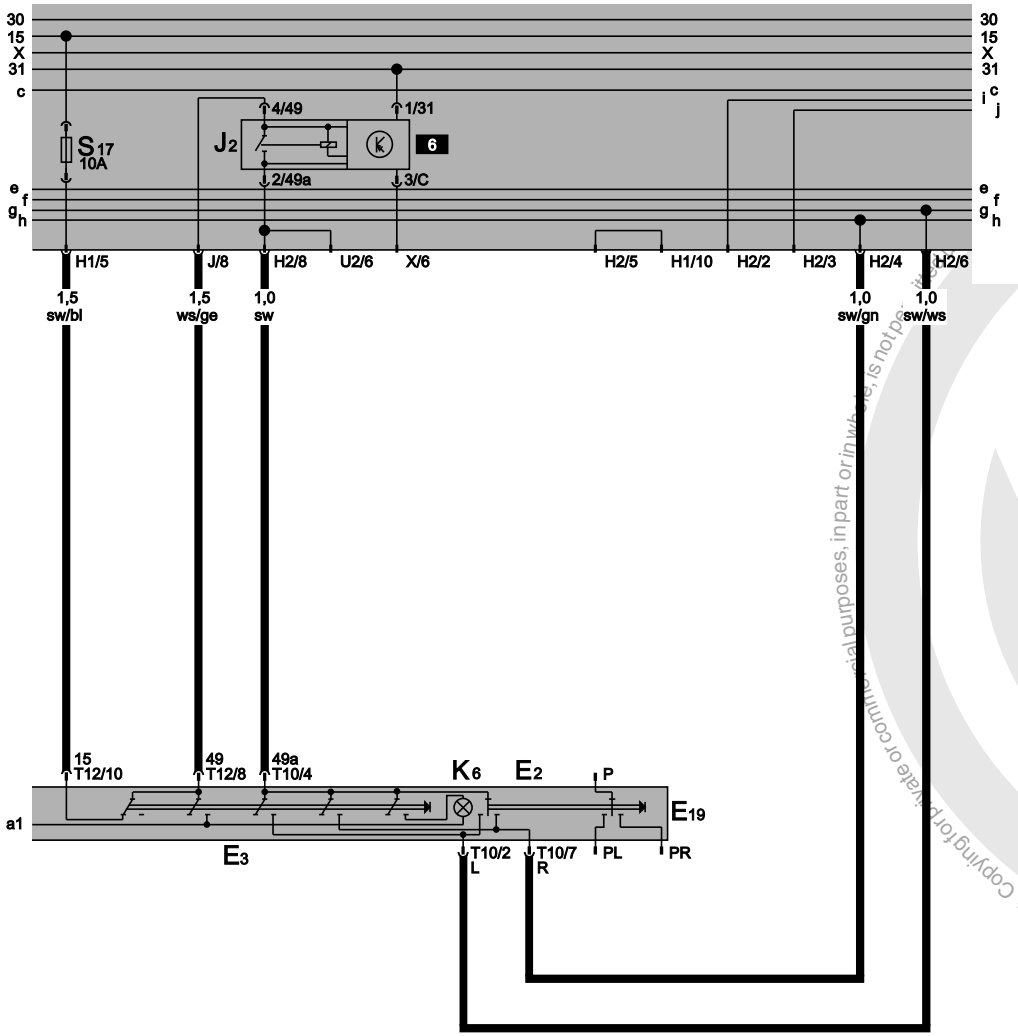

141 142 143 144 145 146 147 148 149 150 151 152 153 154

97–13173

Turn signals and hazard warning lights, parking light switch

E2	Turn signal switch
E3	Hazard warning light switch
E19	Parking light switch
J2	Hazard warning light relay
K6	Hazard warning light system warning lamp
T10	10-pin connector, at turn signal switch
T12	12-pin connector, on hazard warning light switch

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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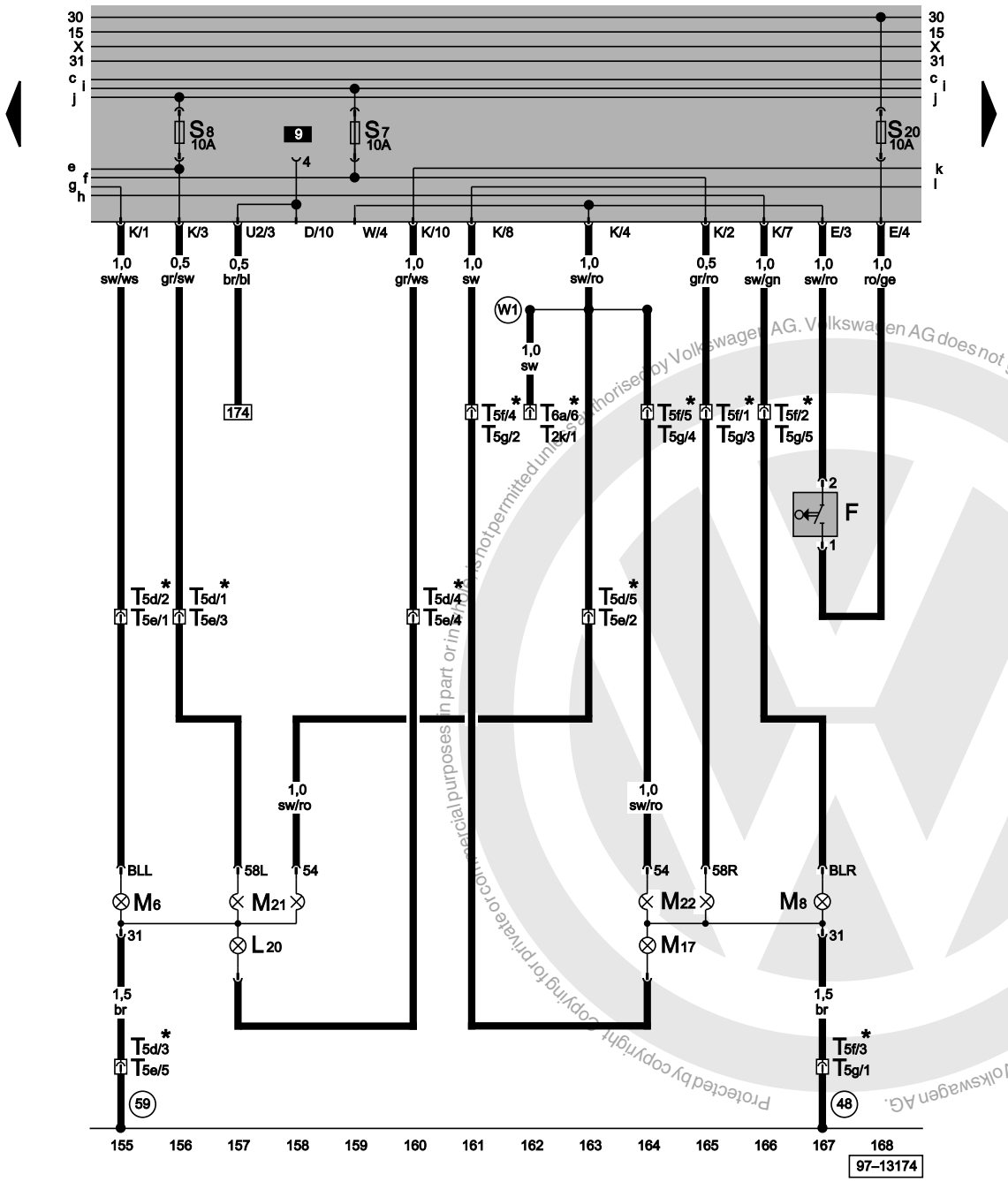

Turn signal bulb rear, brake light, tail lights, rear fog light, reversing light

F	Brake light switch
L20	Rear fog light bulb
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M17	Reversing light bulb, right
M21	Brake and tail light bulb, left
M22	Brake and tail light bulb, right
T2k	2-pin connector
T5d	5-pin connector, only Caddy
T5e	5-pin connector, only Polo Classic
T5f	5-pin connector, only Caddy
T5g	5-pin connector, only Polo Classic
T6a	6-pin connector
59	Earth point, near left tail light
48	Earth point, right side, right
W1	Positive (+) connection (54), in rear wiring harness
*	Only Caddy

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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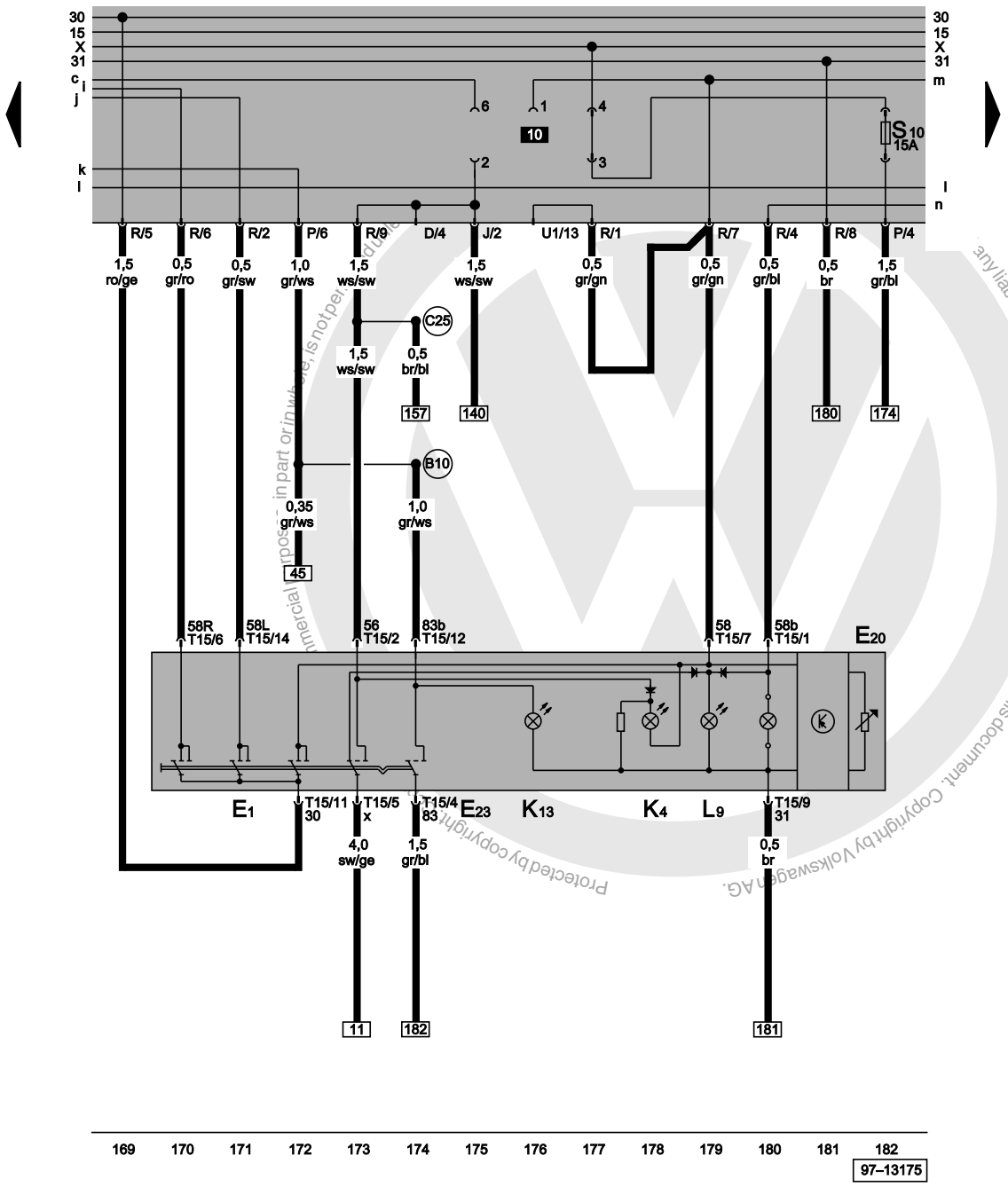

Lighting switch

E1	Lighting switch
E20	Switches and instruments, lighting control
E23	Front and rear fog light switch
K4	Side light warning lamp
K13	Rear fog light warning lamp
L9	Lighting switch light bulb
T15	15-pin connector
B10	Positive (+) connection (30), in light switch wiring harness
C25	Connection (fog light), in front lighting wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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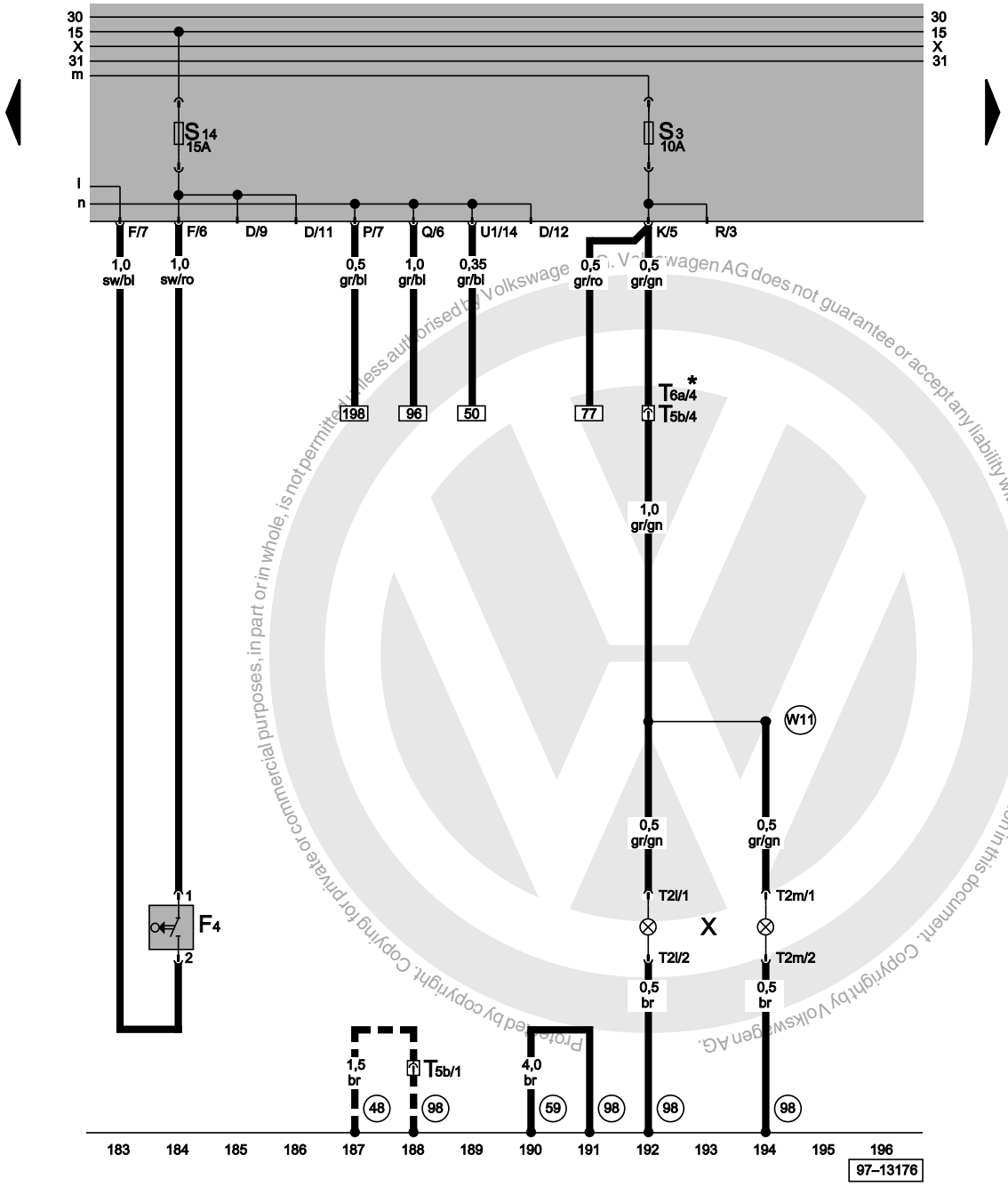

Number plate light, reversing light switch

F4	Reversing light switch
T2l	2-pin connector
T2m	2-pin connector
T5b	5-pin connector
T6a	6-pin connector
X	Number plate light
48	Earth point, right side, right
59	Earth point, near left tail light
98	Earth connection, in tailgate/boot lid wiring harness
W11	Connection (58), in tailgate/bootlid wiring harness
*	Only Caddy
---	Only Polo Classic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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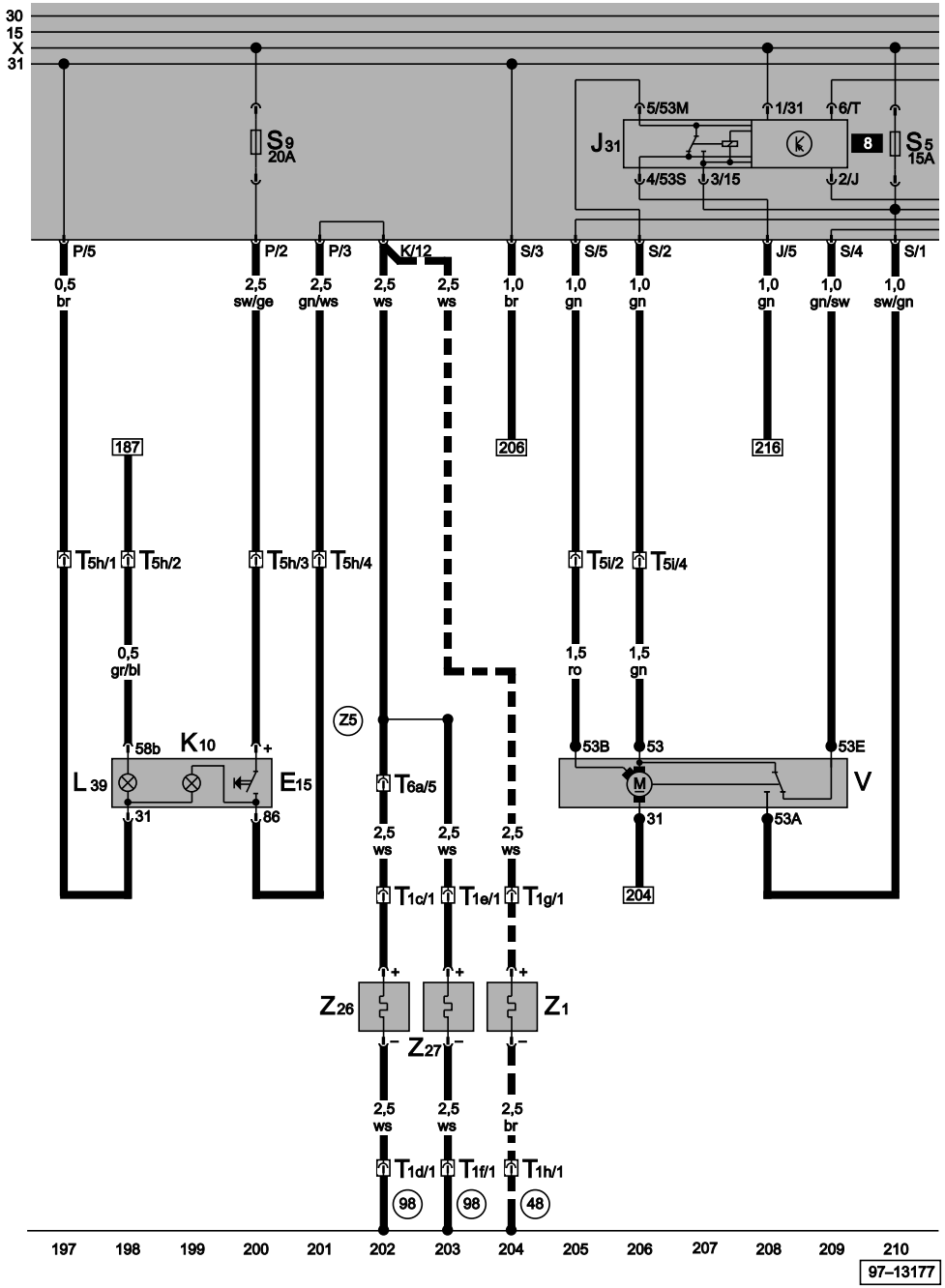

Front and rear wash/wipe system, heated rear window

E15	Heated rear window switch
J31	Automatic intermittent wash/wipe relay
K10	Heated rear window warning lamp
L39	Heated rear window switch bulb
T1c	Single connector
T1d	Single connector
T1e	Single connector
T1f	Single connector
T1g	Single connector
T1h	Single connector
T5h	5-pin connector
T5i	5-pin connector, near windscreen wiper motor
T6a	6-pin connector
V	Windscreen wiper motor
Z1	Heated rear window
Z26	Heated rear window, left wing door
Z27	Heated rear window, right wing door
48	Earth point, right side, right
98	Earth connection, in tailgate/boot lid wiring harness
Z5	Connection, in window heating wiring harness
---	Only Polo Classic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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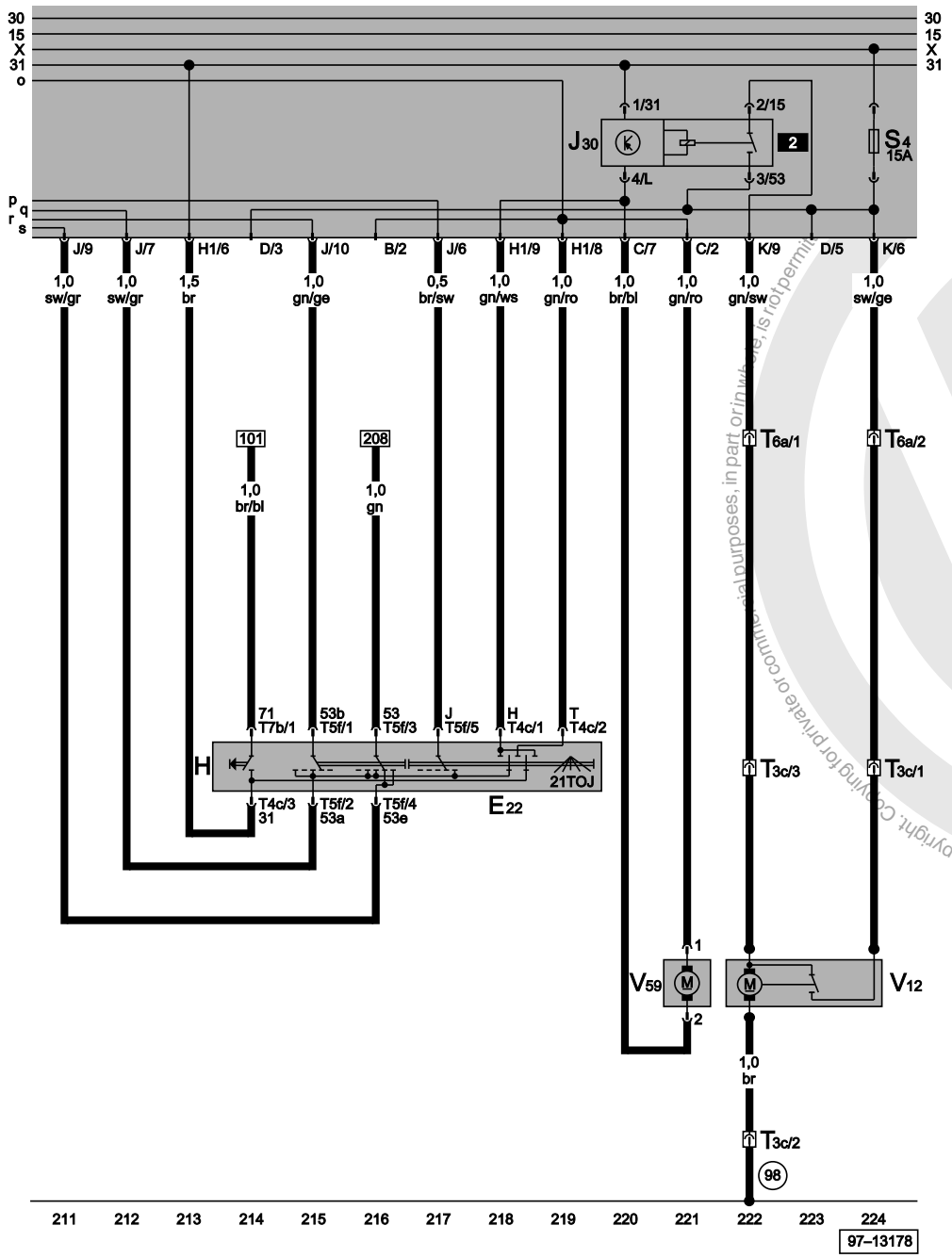

Rear wash/wipe system

E22	Intermittent wiper switch
H	Horn plate
J30	Rear window wiper/washer relay
T3c	3-pin connector
T4c	4-pin connector
T5f	5-pin connector
T6a	6-pin connector
T7b	7-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
(98)	Earth connection, in tailgate/boot lid wiring harness
*	Only Caddy

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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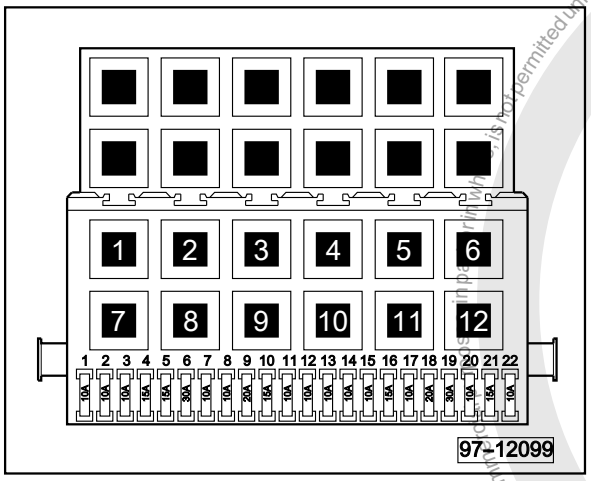
1.6 l/55 kW Mono-Motronic, engine codes 1F

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



12 - Fuel pump relay (167)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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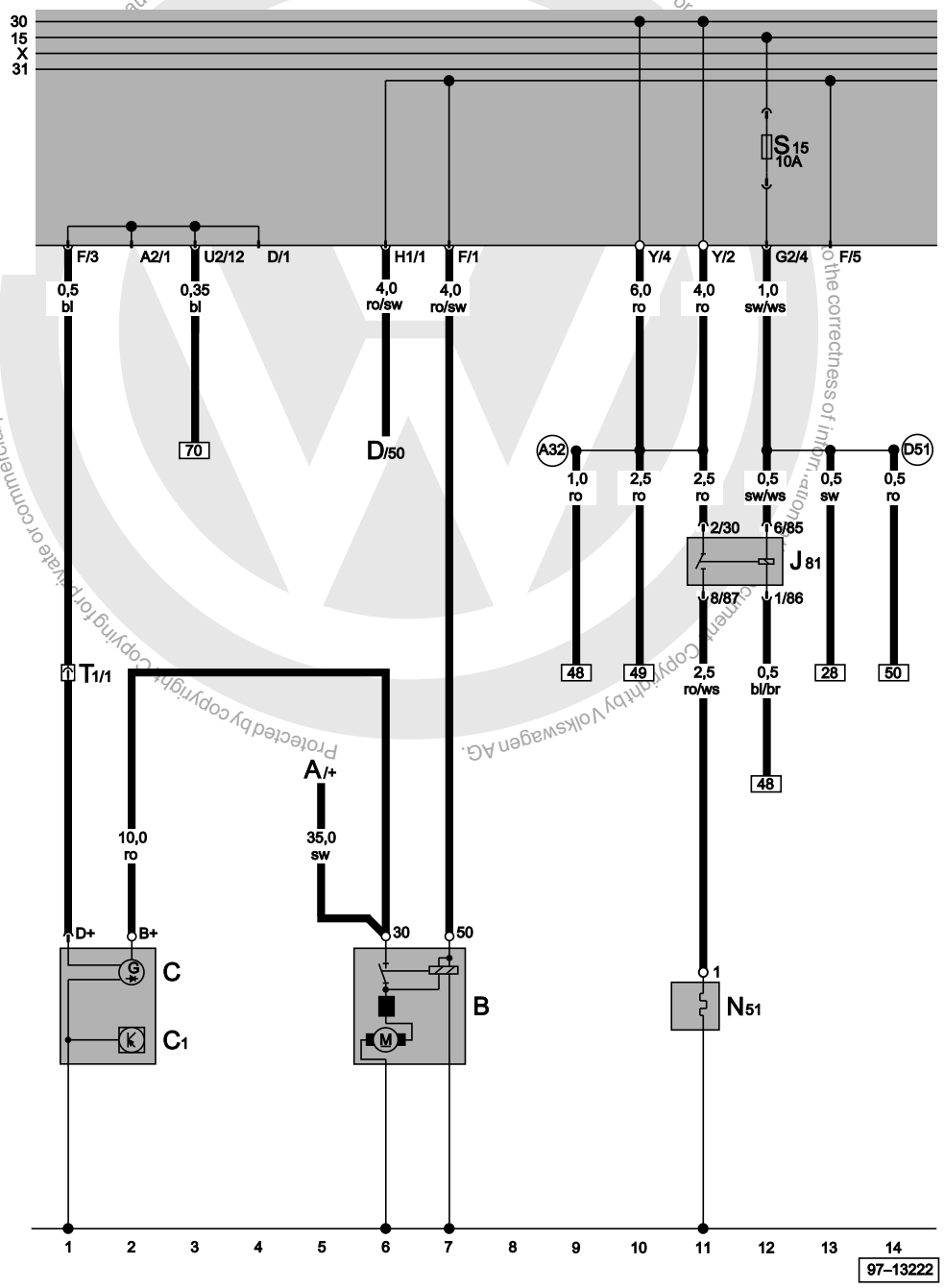

Alternator, starter, intake manifold preheating

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J81	Intake manifold preheating relay
N51	Intake manifold preheating heater element
T1	Single connector, near starter
A32	Positive (+) connection (30), in dash panel wiring harness
D51	Positive (+) connection (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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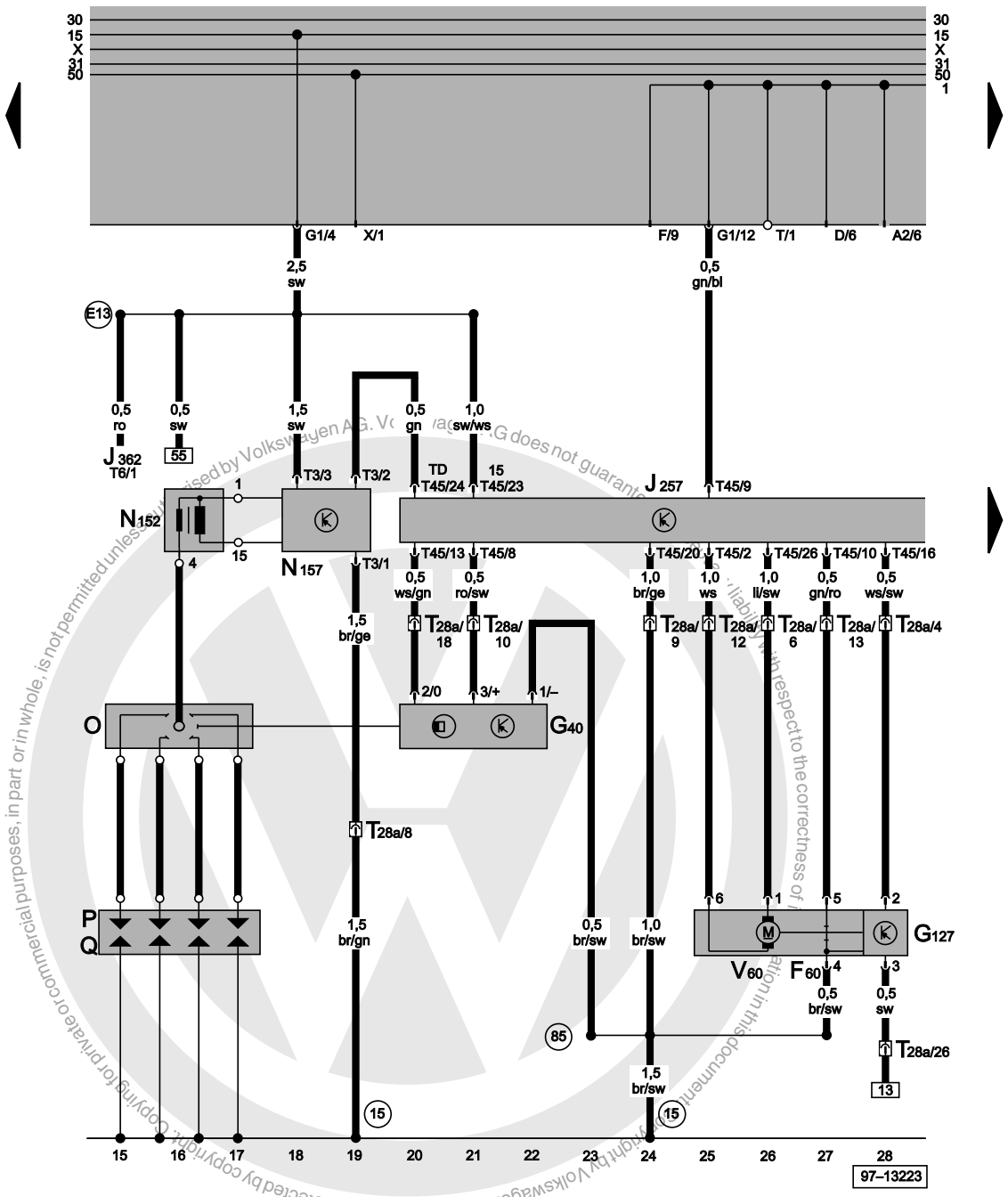

Mono–Motronic control unit, ignition system, hall sender, throttle valve positioner

F60	Idling switch
G40	Hall sender
G127	Throttle valve positioner sender
J257	Mono-Motronic control unit, in plenum chamber
J362	Immobilizer control unit
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T3	3-pin connector, ignition transformer output stage
T6	6-pin connector
T28a	28-pin connector, on engine left
T45	45-pin connector, on Mono-Motronic control unit
V60	Throttle valve positioner
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness
E13	Positive (+) connection -2- (15), in Mono-Motronic wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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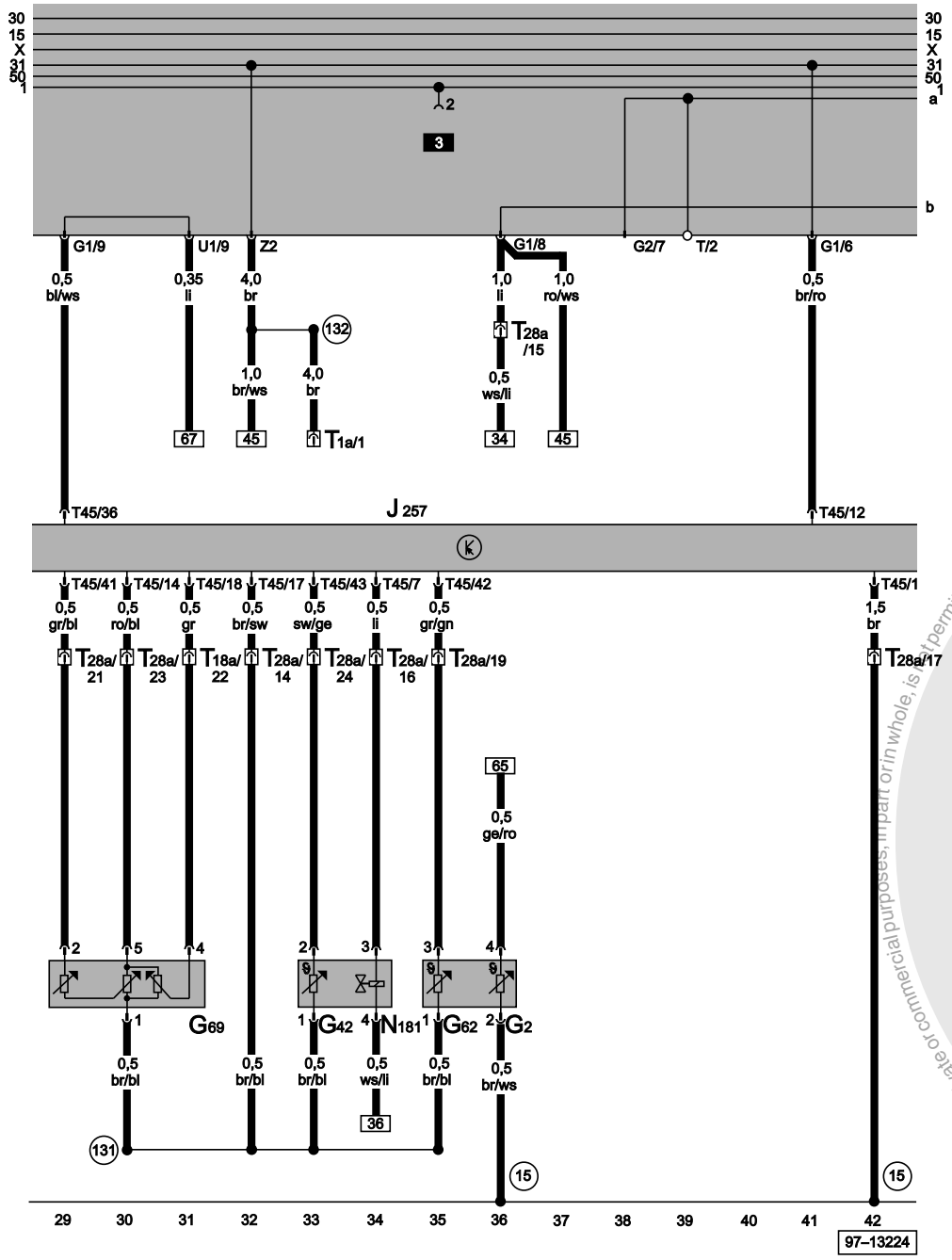

Mono–Motronic control unit, throttle valve potentiometer, injector

G2	Coolant temperature sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G69	Throttle valve potentiometer
J257	Mono-Motronic control unit, in plenum chamber, left
N181	Injectors
T1a	Single connector
T28a	28-pin connector, on engine left
T45	45-pin connector, on Mono-Motronic control unit
15	Earth point, on cylinder head
131	Earth connection -2-, in wiring harness
132	Earth connection -3-, in wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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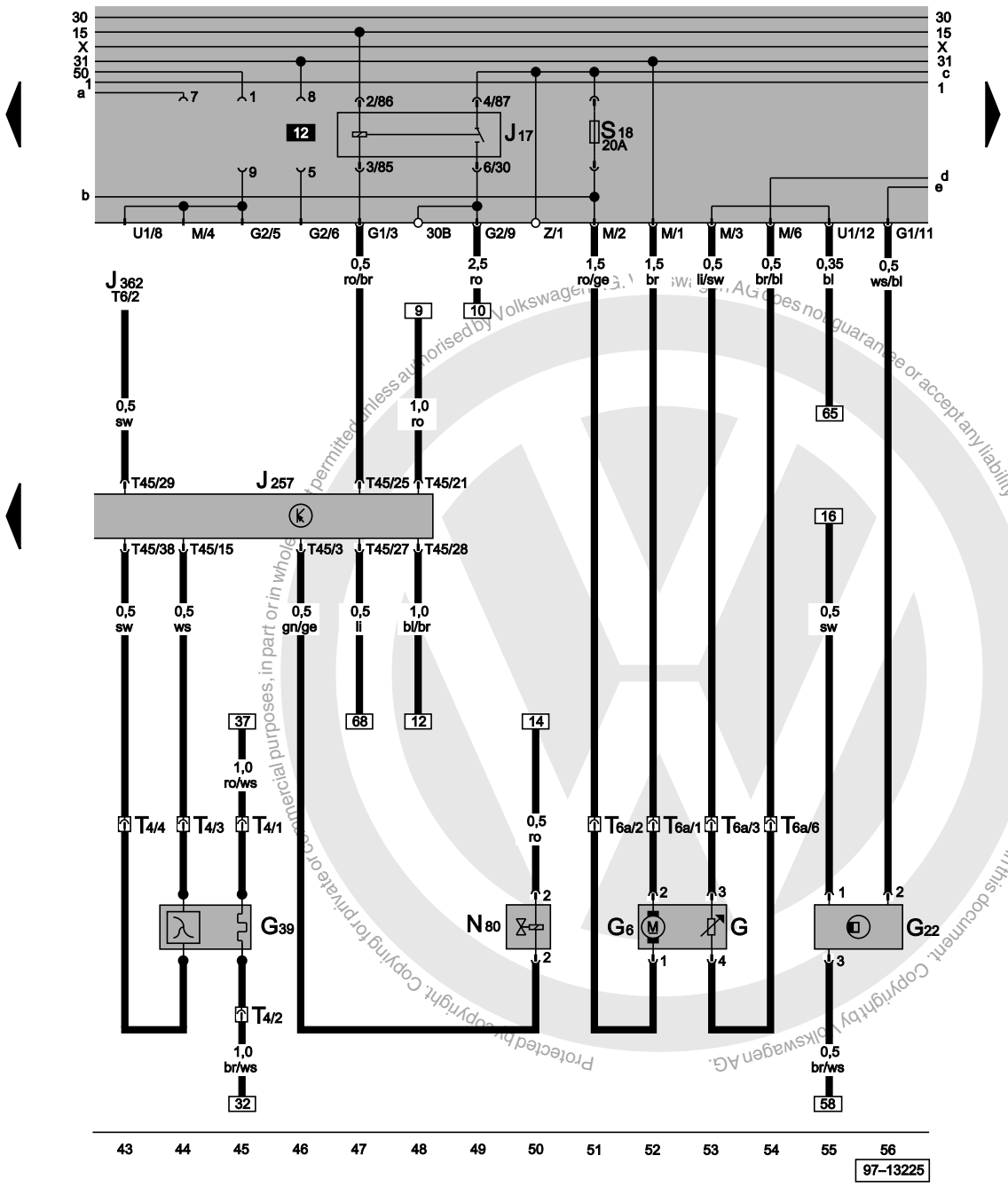

Mono–Motronic control unit, lambda probe, activated charcoal filter system solenoid valve, fuel supply system, speedometer sender

G	Fuel gauge sender
G6	Fuel pump
G22	Speedometer sender
G39	Lambda probe
J17	Fuel pump relay
J257	Mono-Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T4	4-pin connector
T6	6-pin connector
T6a	6-pin connector
T45	45-pin connector, on Mono-Motronic control unit

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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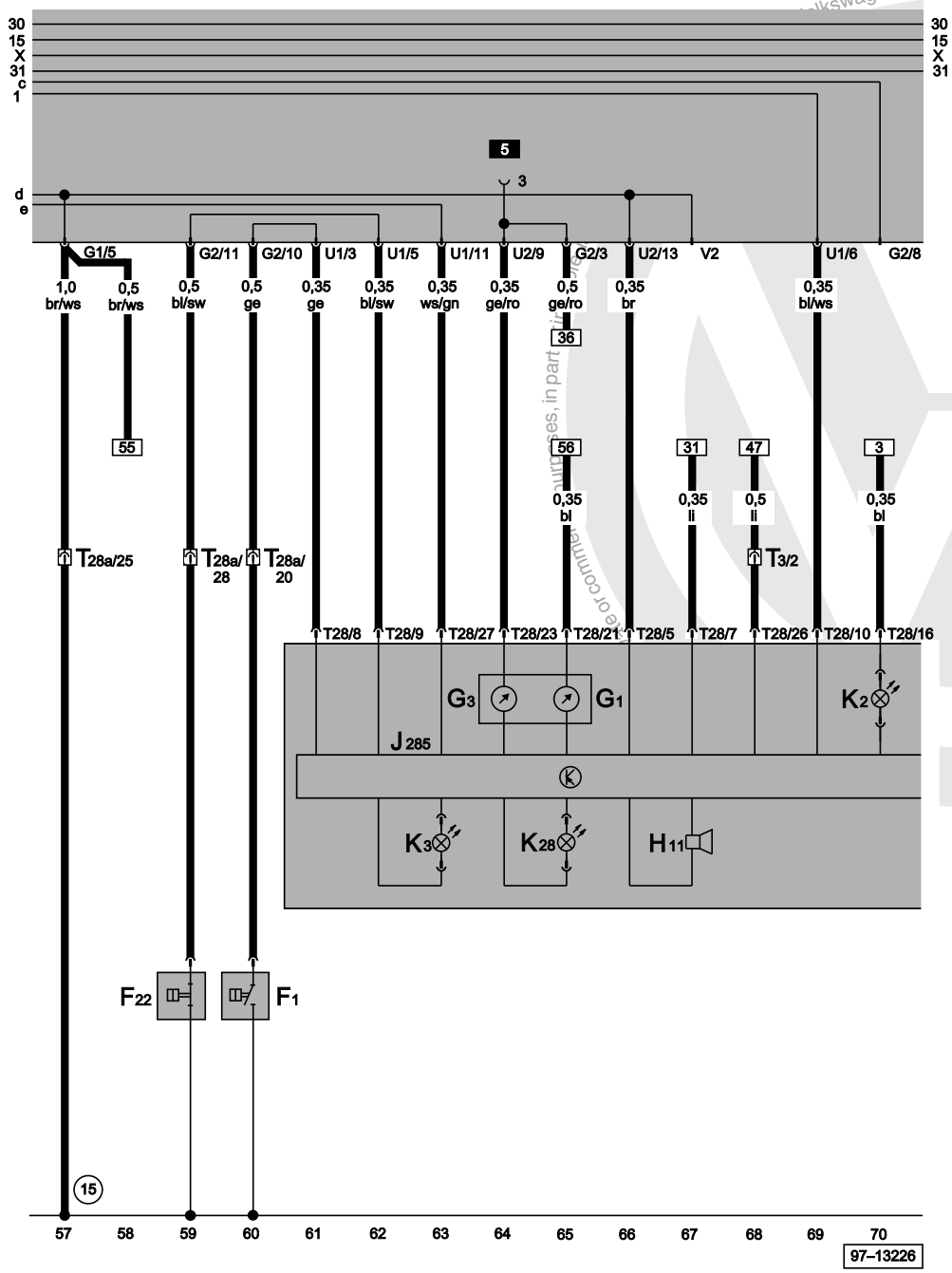

Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, optical and acoustical oil pressure warning

F1	Oil pressure switch *
F22	Oil pressure switch (0.25 bar)
G1	Fuel gauge
G3	Coolant temperature gauge
H11	Oil pressure warning buzzer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature warning lamp/coolant shortage warning lamp
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left
(15)	Earth point on cylinder head
*	For switch values, engine workshop manual, Caddy1996►

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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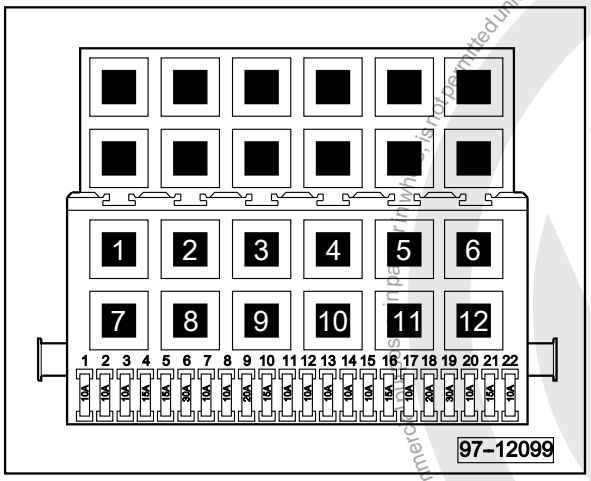
1.9 l/47 kW Cat diesel engine, engine code 1Y

From November 1996

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



12 - Glow plug relay (104)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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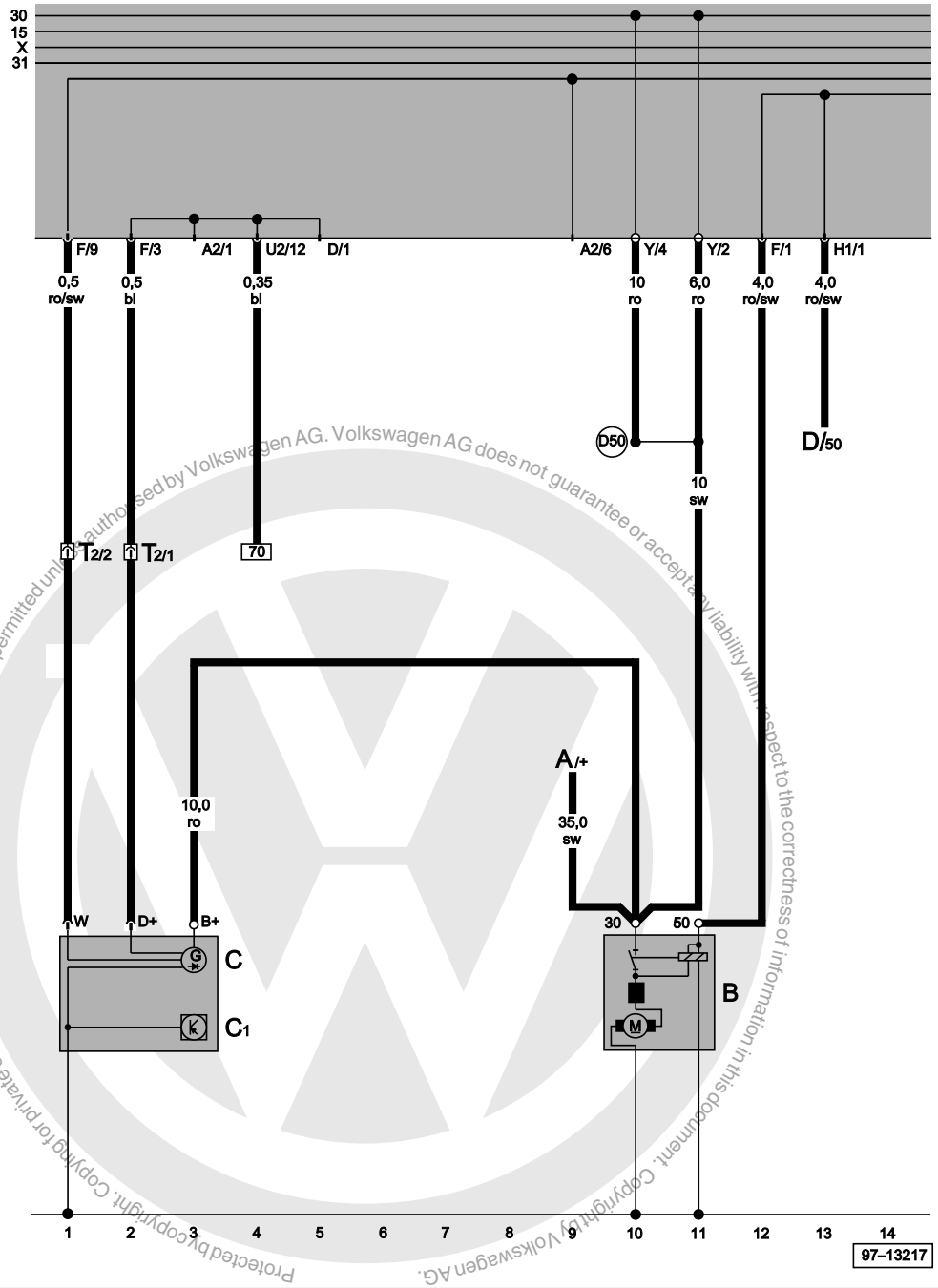

Battery, alternator, starter

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2	2-pin connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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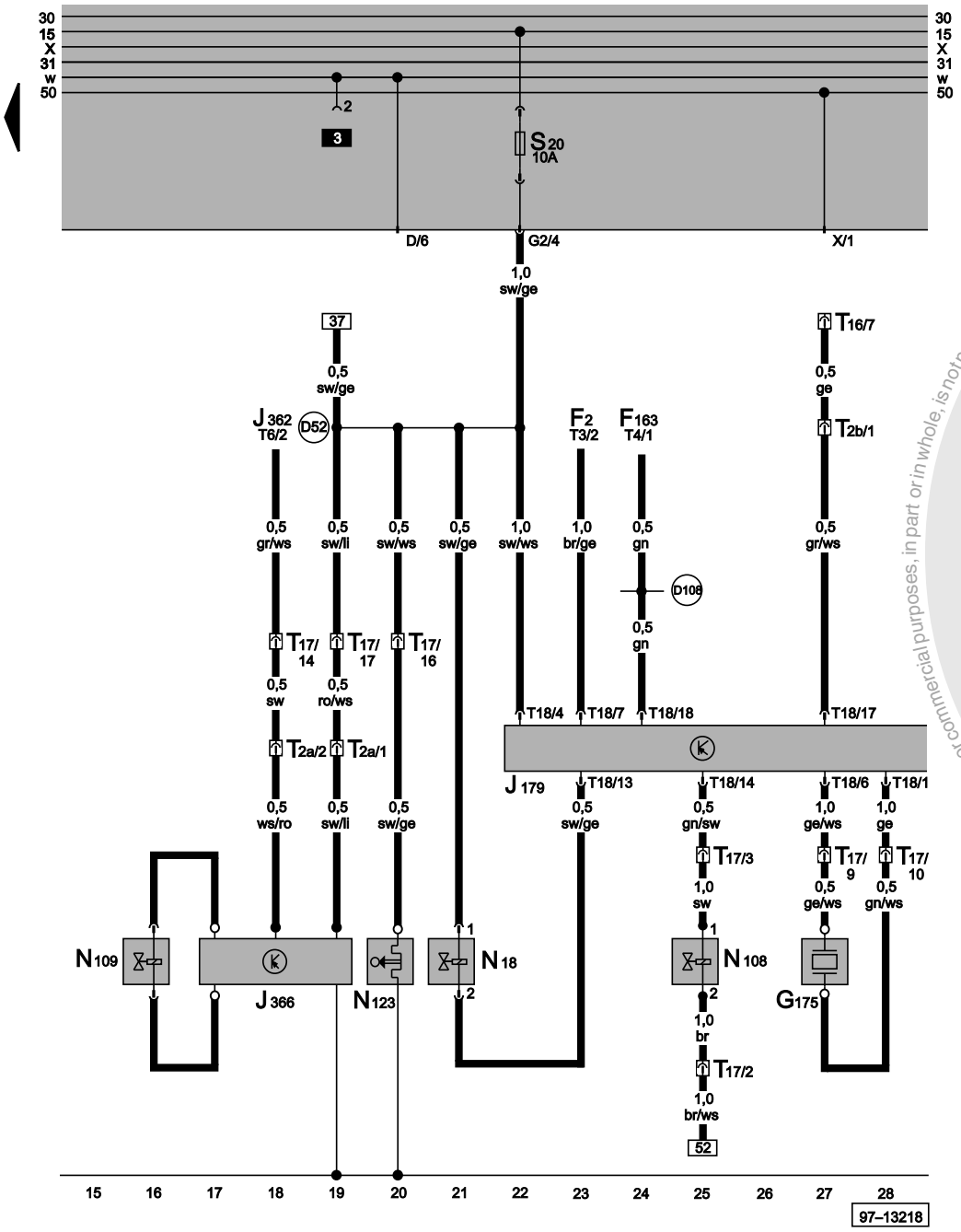

Automatic glow period control unit, idling speed boost valve, exhaust gas recirculation valve, commencement of injection valve, air mass meter, fuel shut–off valve

F2	Door contact switch, driver's side
F163	Air conditioner shut-off thermo-switch
G175	Injection period sender
J179	Automatic glow period control unit
J362	Immobilizer control unit
J366	Fuel shut-off valve control unit, diesel injection pump
N18	Exhaust gas recirculation valve
N108	Commencement of injection valve injection pump
N109	Fuel shut-off valve
N123	Idling speed boost actuator, only models without air conditioner
T2a	2-pin connector, near engine connector
T2b	2-pin connector
T3	3-pin connector
T4	4-pin connector
T6	6-pin connector
T16	16-pin connector, self-diagnosis connection in left lower console
T17	17-pin connector, on engine left
T18	18-pin connector
D52	Positive (+) connection (15a), in engine compartment wiring harness
D108	Connection -8-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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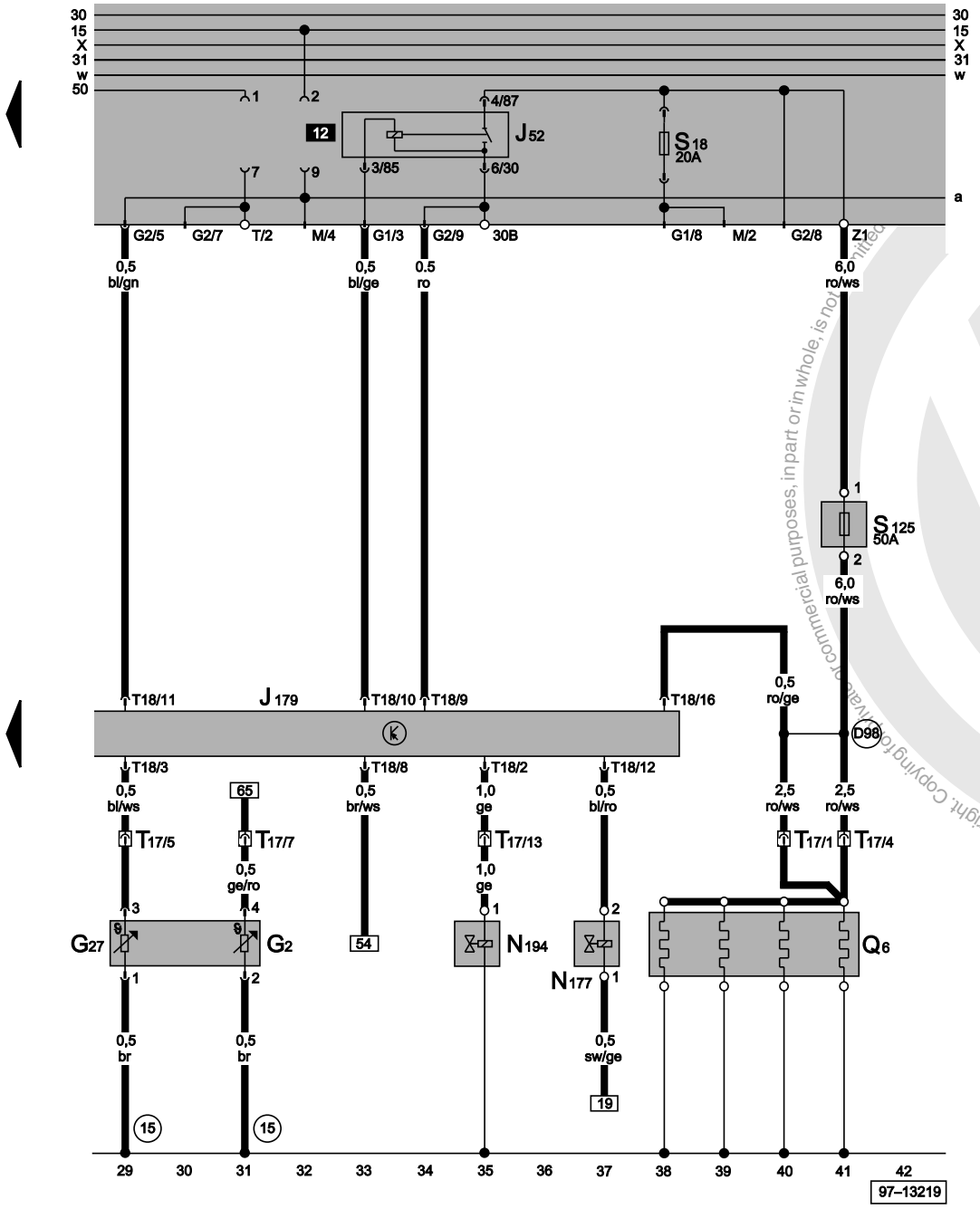

Automatic glow period control unit, engine temperature sender, coolant temperature sender, full throttle stop valve, glow plugs

G2	Coolant temperature sender
G27	Engine temperature sender
J52	Glow plug relay
J179	Automatic glow period control unit, above the relay plate
N177	Idling speed boost valven, only models with air conditioner
N194	Full throttle limit valve
Q6	Glow plugs - (engine)
S125	Fuse for glow plugs, above the relay plate
T17	17-pin connector, on engine left
T18	18-pin connector
15	Earth point, on cylinder head
D98	Connection (glow plugs), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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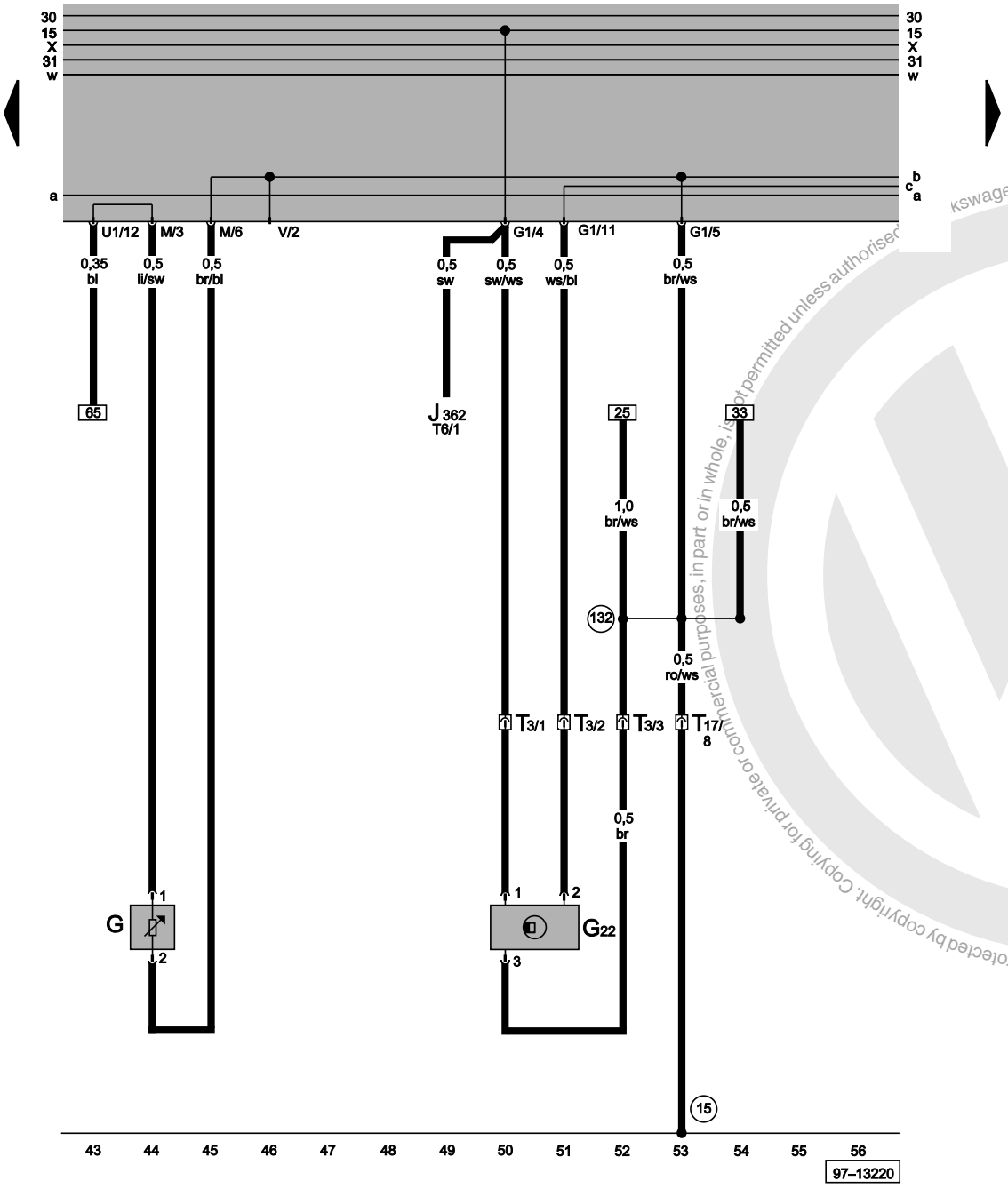

Fuel gauge sender, speedometer sender

G	Fuel gauge sender
G22	Speedometer sender (Hall sender, on gearbox)
J362	Immobilizer control unit
T3	3-pin connector
T6	6-pin connector
T17	17-pin connector, on engine left
15	Earth point, on cylinder head
132	Earth connection -3-, in wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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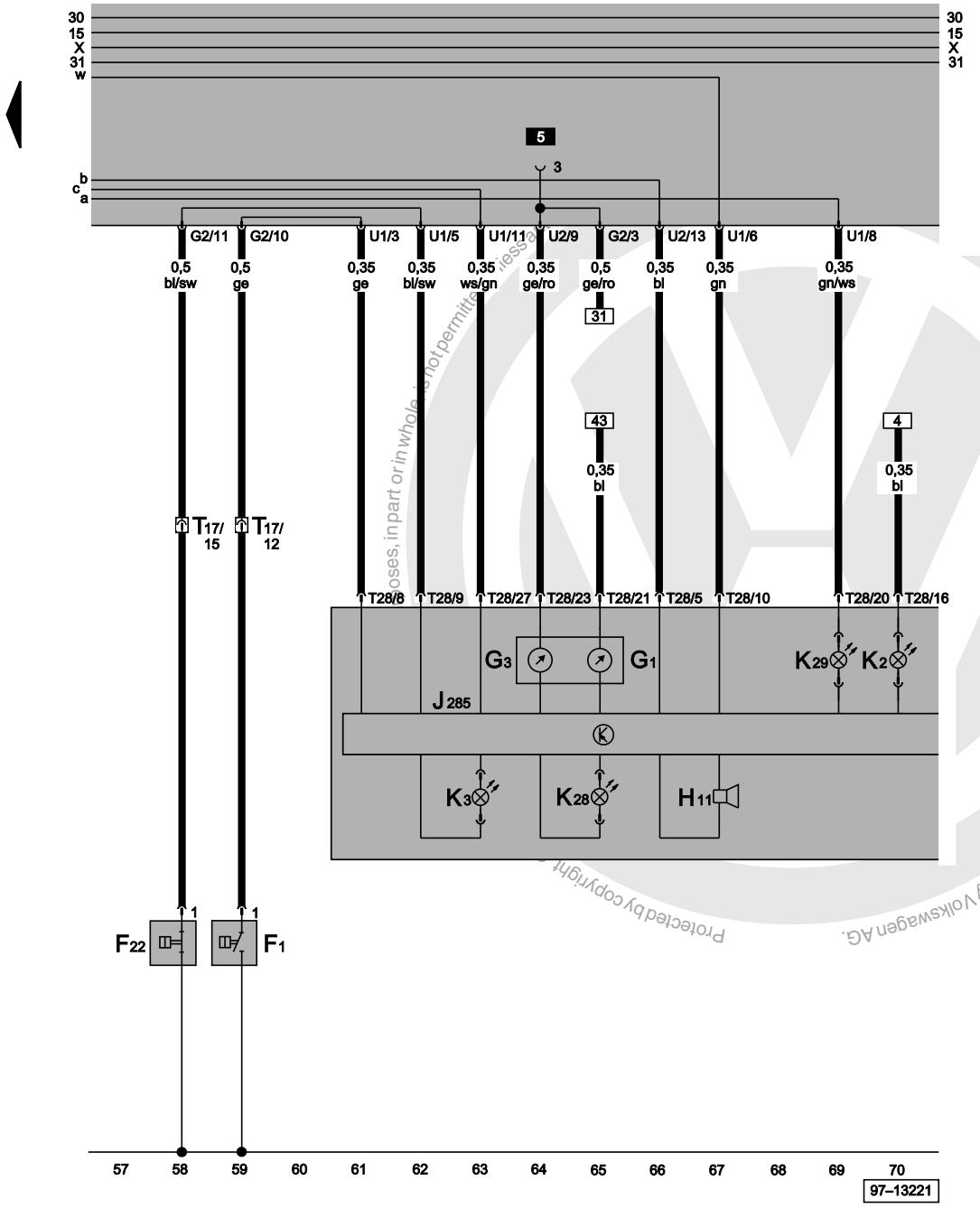

Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, optical and acoustical oil pressure warning

F1	Oil pressure switch *
F22	Oil pressure switch (0.3 bar)
G1	Fuel gauge
G3	Coolant temperature gauge
H11	Oil pressure warning buzzer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature warning lamp Coolant shortage indicator
K29	Glow period warning lamp
T17	17-pin connector, on engine left
T28	28-pin connector, on dash panel insert
*	For switch values, Workshop manual engine: Classic 1996 ►Polo Classic 1996 ► Engine Caddy1996 ►, Polo Classic 1996 ►

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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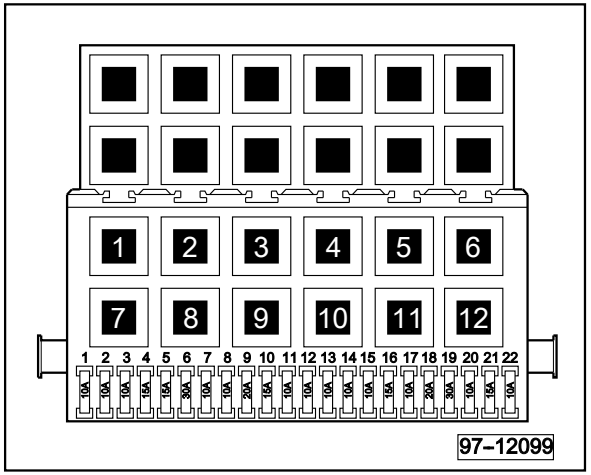
1.4 l/44 kW Motronic, engine codes AEX

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



12 - Fuel pump relay (167)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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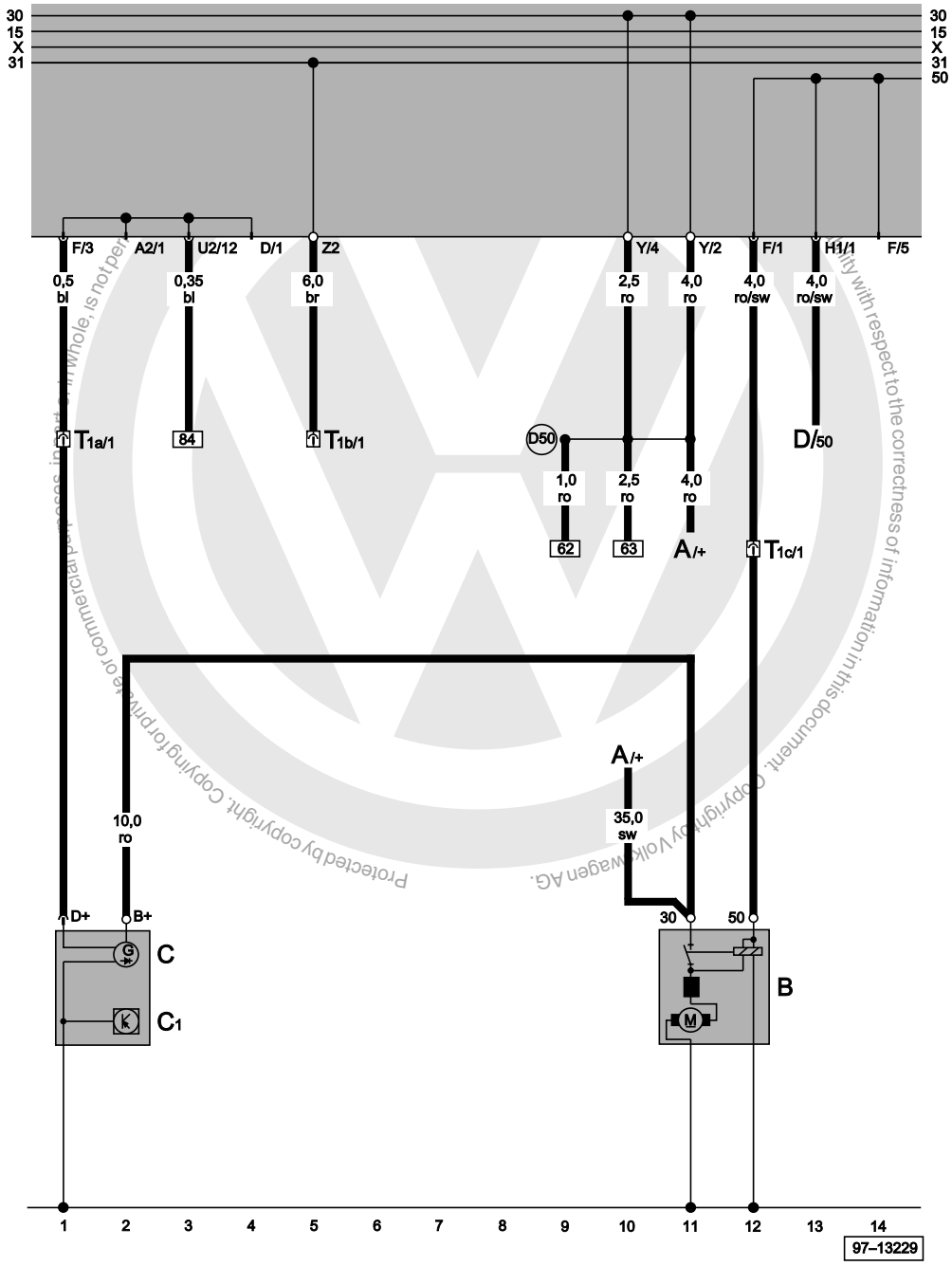

Alternator, starter

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1a	Single connector, near starter
T1b	Single connector, behind relay plate
T1c	Single connector, behind relay plate
D50	Positive (+) connection (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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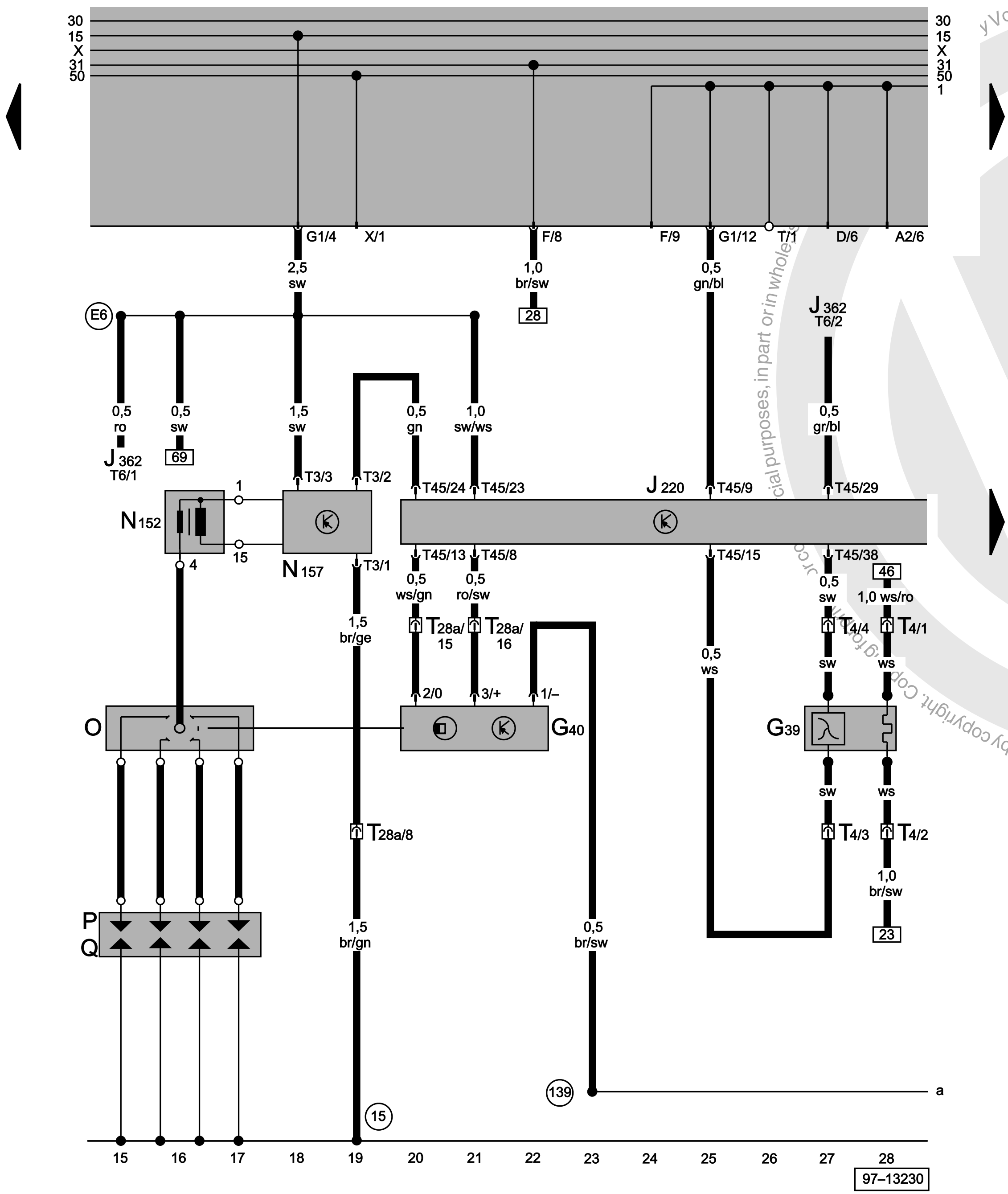

Motronic control unit, ignition system, lambda probe

G39	Lambda probe
G40	Hall senderJ220-Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T3	3-pin connector, ignition transformer output stage
T4	4-pin connector
T6	6-pin connector
T28a	28-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
15	Earth point, on cylinder head
139	Earth connection (sender earth), in Motronic wiring harness
E6	Positive (+) connection -1- (15), in Motronic wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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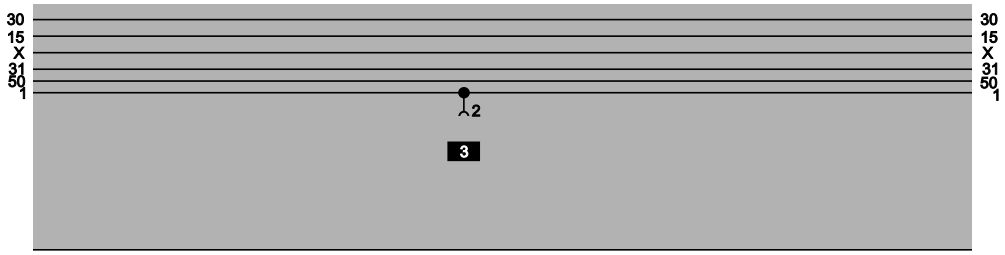

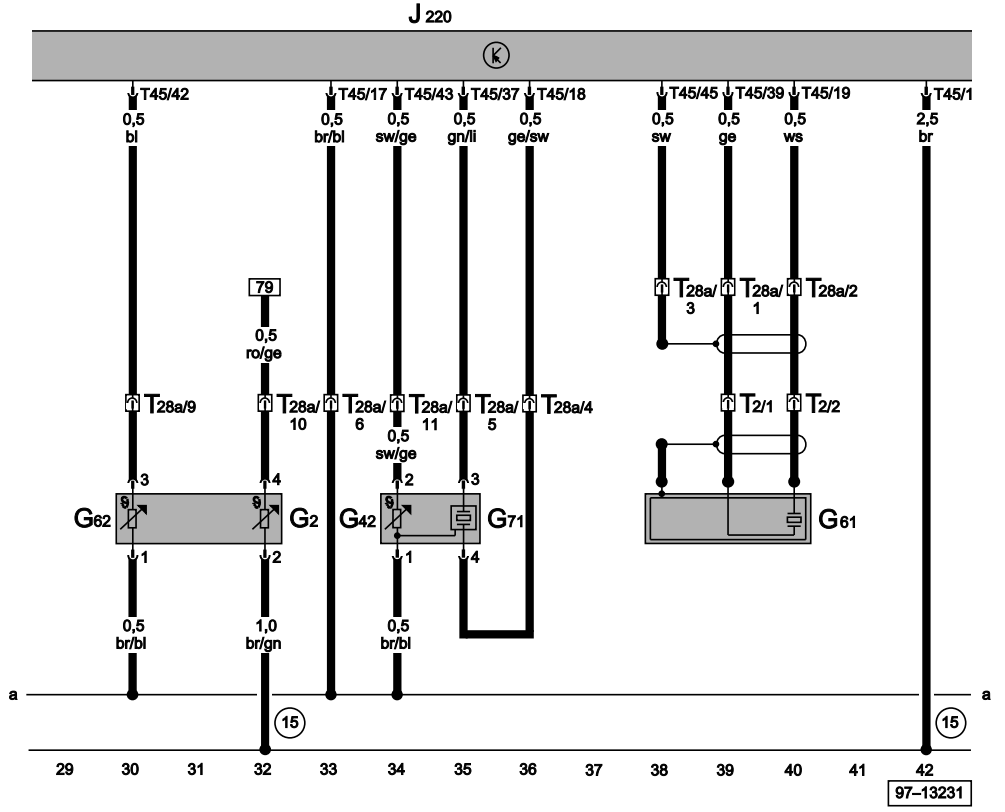

Motronic control unit, coolant temperature sender, intake air temperature sender, intake manifold pressure sender, knock sensor

G2	Coolant temperature sender
G42	Intake air temperature sender
G61	Knock sensor
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J220	Motronic control unit, in plenum chamber, left
T2	2-pin connector
T28a	28-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
(15)	Earth point, on cylinder head

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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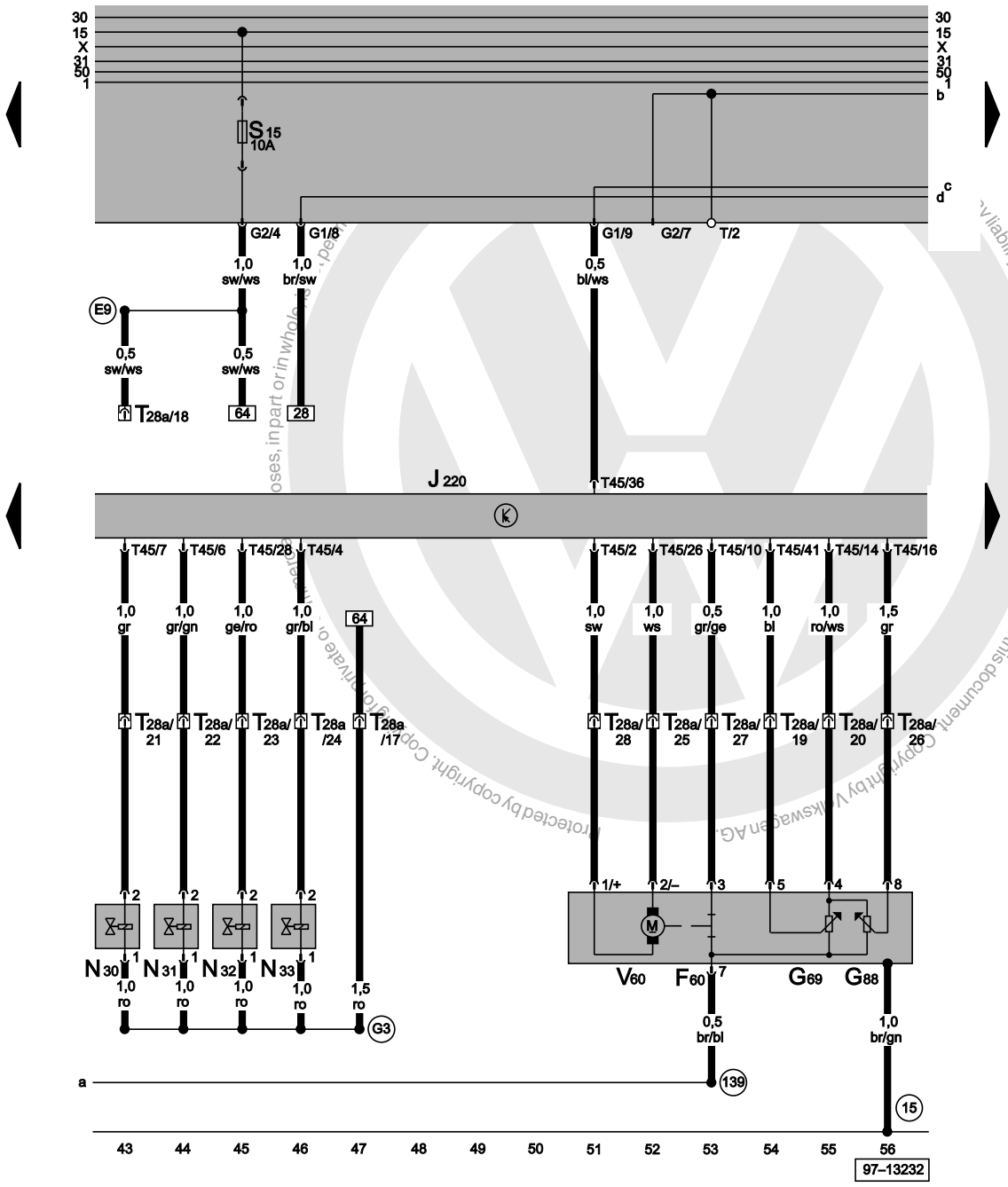
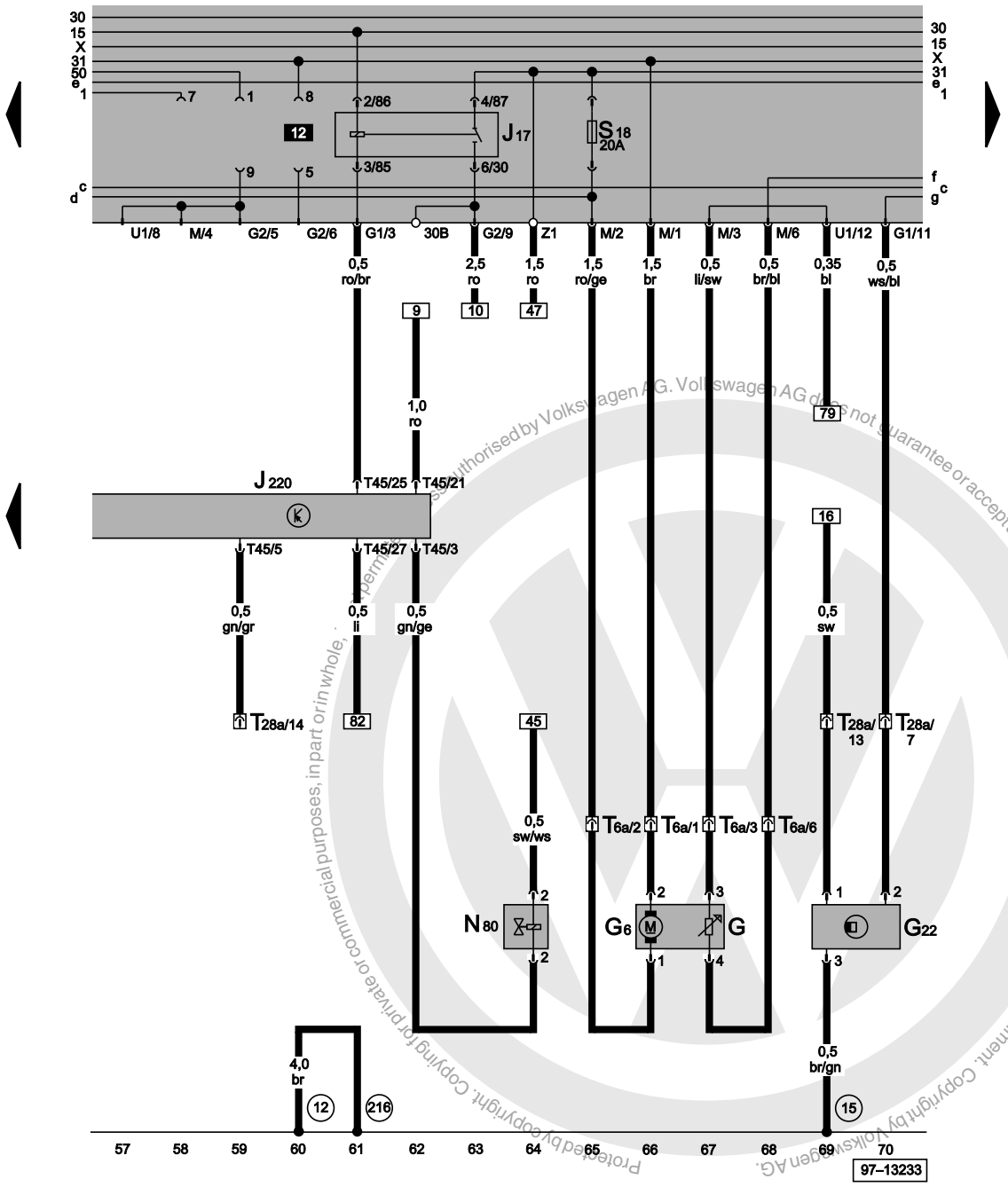


Motronic control unit, injectors, throttle valve positioner, idling switch, throttle valve potentiometer

F60	Idling switch
G69	Throttle valve potentiometer
G88	Throttle valve positioner potentiometer
J220	Motronic control unit, in plenum chamber, left
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T28a	28-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
V60	Throttle valve positioner
15	Earth point, on cylinder head
139	Earth connection (sender earth), in Motronic wiring harness
E9	Positive (+) connection -2- (15), in Motronic wiring harness
G3	Positive (+) connection in cable sleeve - injectors

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Motronic control unit, activated charcoal filter system solenoid valve, fuel supply system, speedometer sender

G	Fuel gauge sender
G6	Fuel pump
G22	Speedometer sender (Hall sender, on gearbox)
J17	Fuel pump relay
J220	Motronic control unit, in plenum chamber left
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T28a	28-pin connector, on engine left
T6a	6-pin connector
T45	45-pin connector, on Motronic control unit
12	Earth point, in engine compartment, left
15	Earth point, on cylinder head
216	Earth connection -2-, in Motronic wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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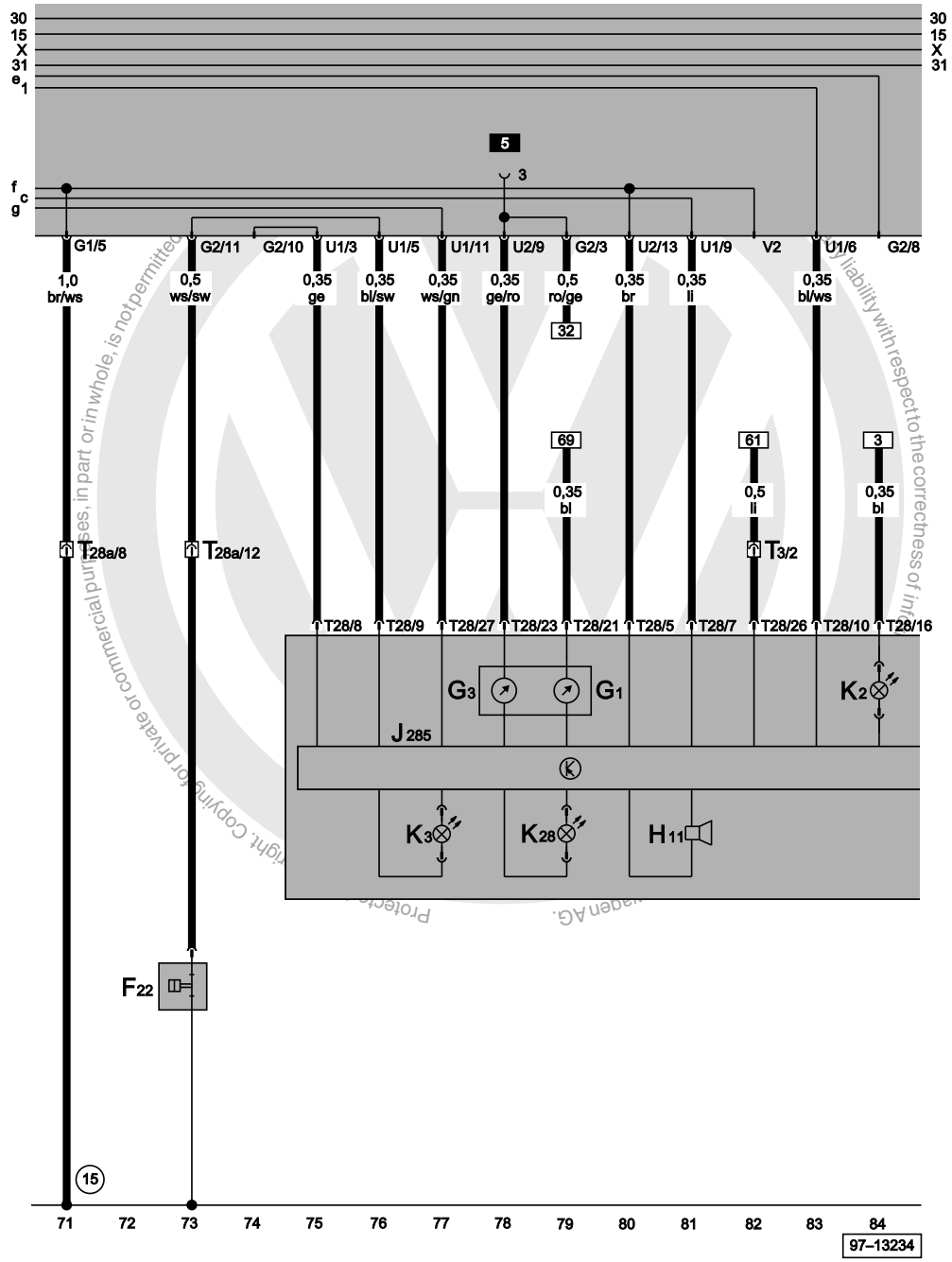


Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, optical and acoustical oil pressure warning

F22	Oil pressure switch *
G1	Fuel gauge
G3	Coolant temperature gauge
H11	Oil pressure warning buzzer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature warning lamp Coolant shortage indicator
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left
15	Earth point, on cylinder head
*	For switch values, Engine Workshop manual, Caddy 1996►, Polo Classic 1996►

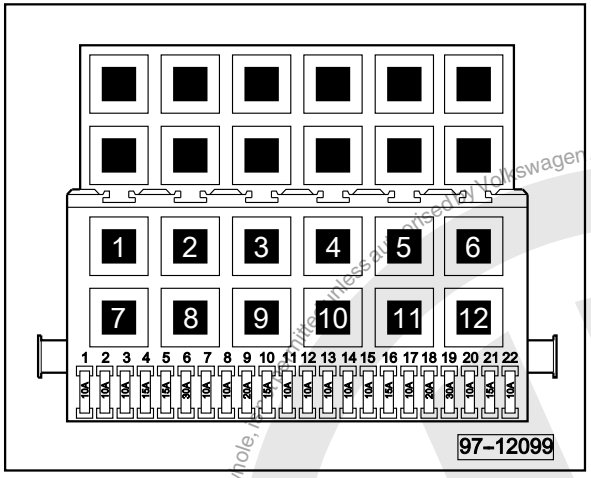
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica

1.9 l/47 kW diesel engine, engine codes AEY

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Terminal 30 voltage supply relay (109)
12 - Glow plug relay (142)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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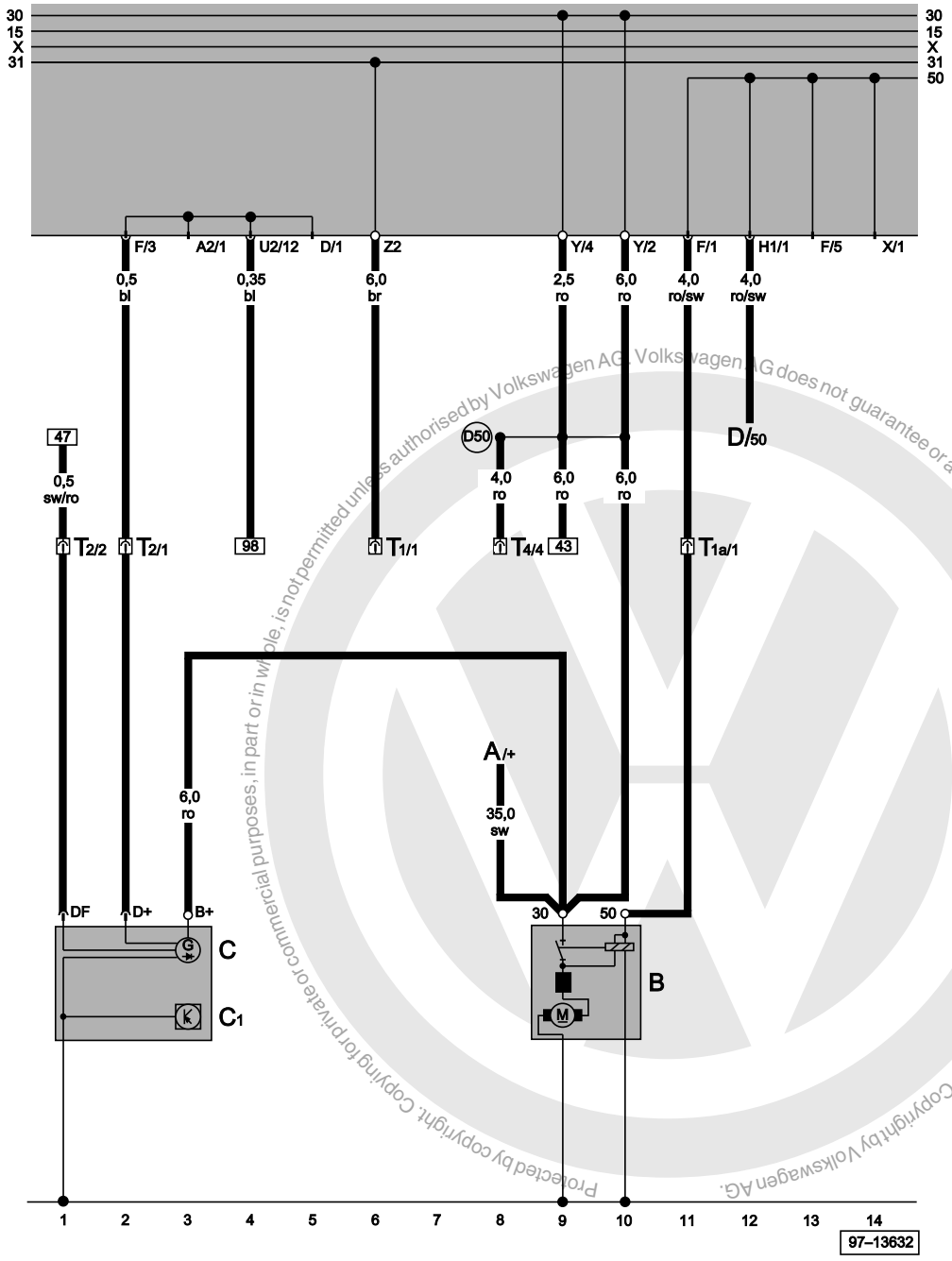

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Alternator, starter

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1	Single connector, behind relay plate
T1a	Single connector, behind relay plate
T2	2-pin connector, near starter
T4	4-pin connector, on radiator fan control unit
D50	Positive (+) connection (30), in engine compartment wiring harnes

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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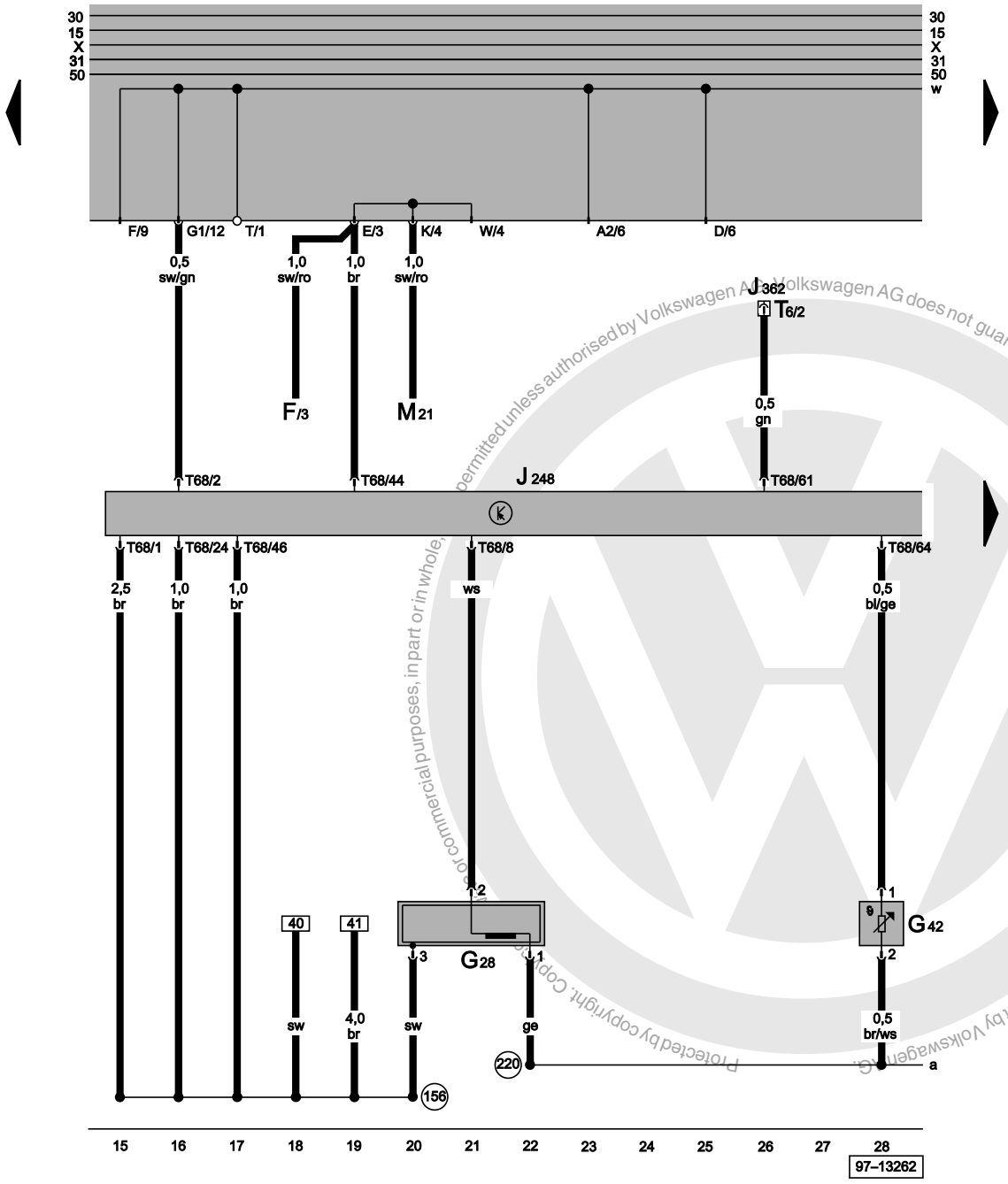

Diesel direct injection system control unit, engine speed sender, air mass meter

F	Brake light switch
G28	Engine speed sender
G42	Intake air temperature sender
J248	Diesel direct injection system control unit, in plenum chamber left
J362	Immobilizer control unit
M9	Brake light bulb, left
M21	Brake and tail light bulb, left
T3	3-pin connector
T6	6-pin connector, on immobilizer control unit
T68	68-pin connector
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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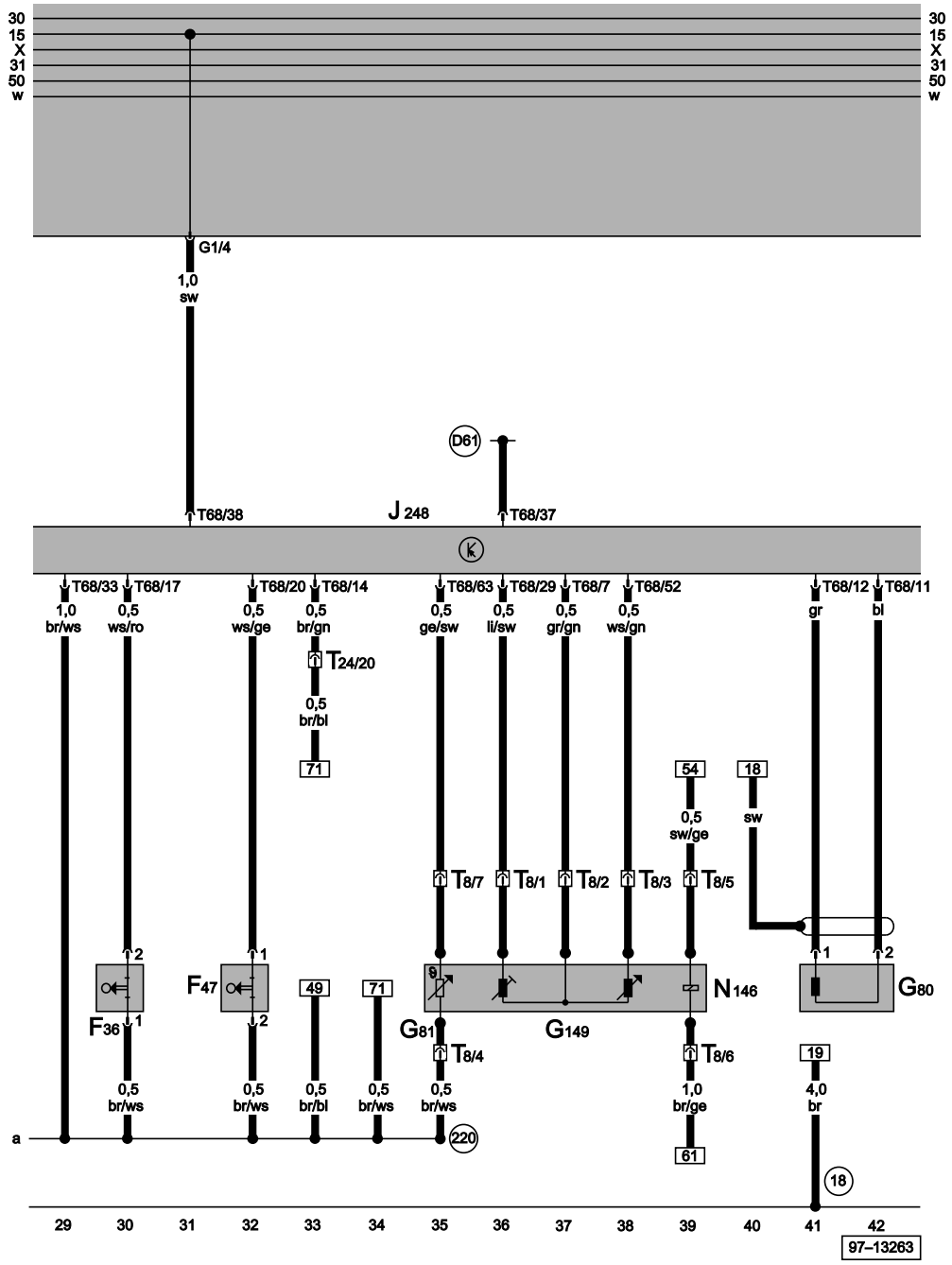

Diesel direct injection system control unit, needle lift sender, modulating piston movement sender

F36	Clutch pedal switch
F47	Cruise control system brake pedal switch (diesel direct injection system)
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit, in plenum chamber left
N146	Metering adjuster
T8	8-pin connector
T24	24-pin connector, on engine left
T68	68-pin connector, on control unit
18	Earth point, on engine block
220	Earth connection (sender earth), in engine wiring harness
D61	Connection (air conditioner), in wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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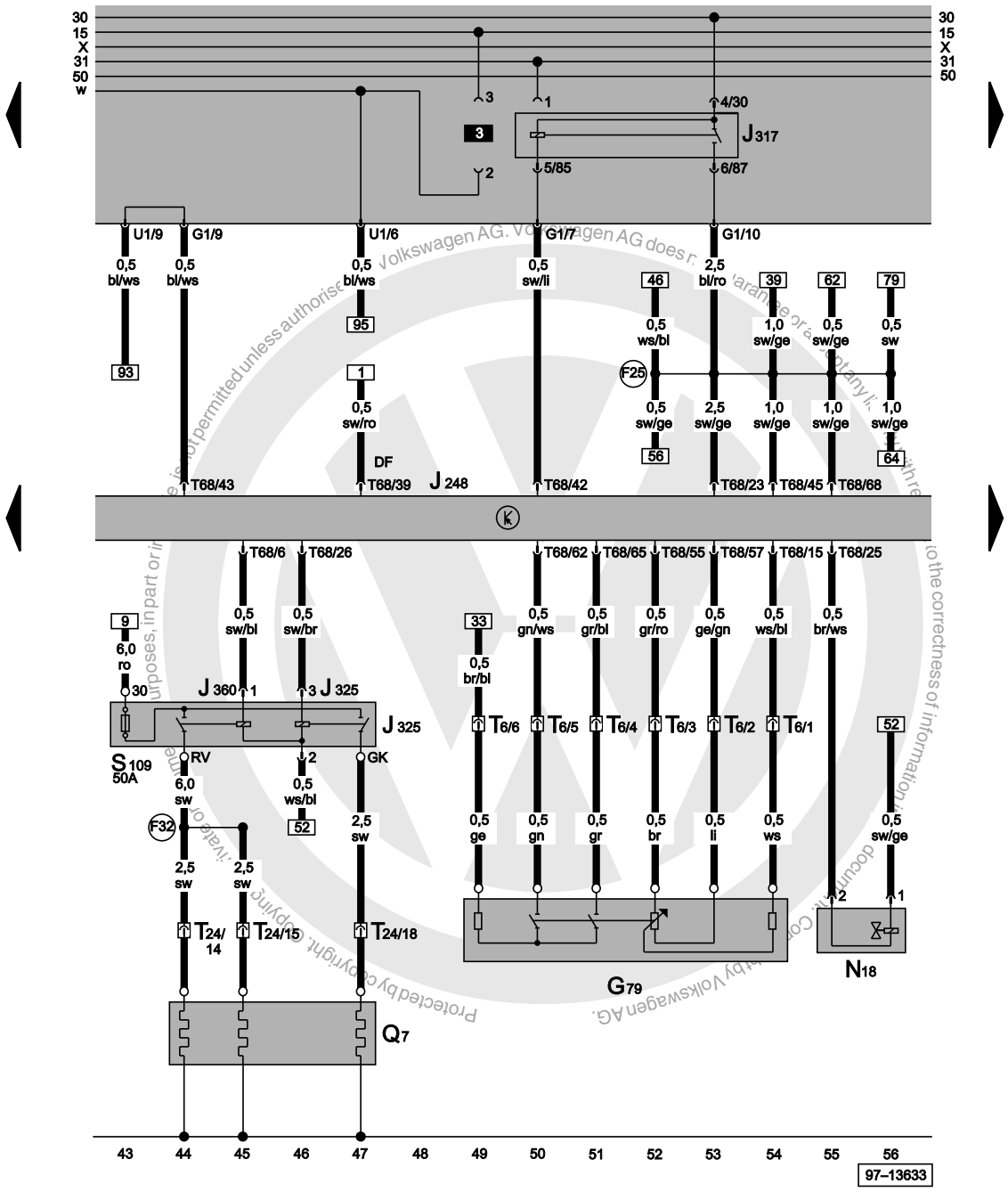

Diesel direct injection system control unit, accelerator pedal position sender, exhaust gas recirculation valve, coolant heater elements

G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit, in plenum chamber left
J317	Terminal 30 voltage supply relay
J325	Relay for coolant heater elements, on bulkhead centre
J359	Low heat output relay
J360	High heat output relay
N18	Exhaust gas recirculation valve, in engine compartment, front right
Q7	Coolant heating elements
S109	Coolant heater element fuse
T6	6-pin connector, in footwell, front left
T24	24-pin connector, on engine left
T68	68-pin connector, on control unit
F25	Connection -1-, in diesel direct injection system wiring harness
F32	Connection (glow plugs - coolant), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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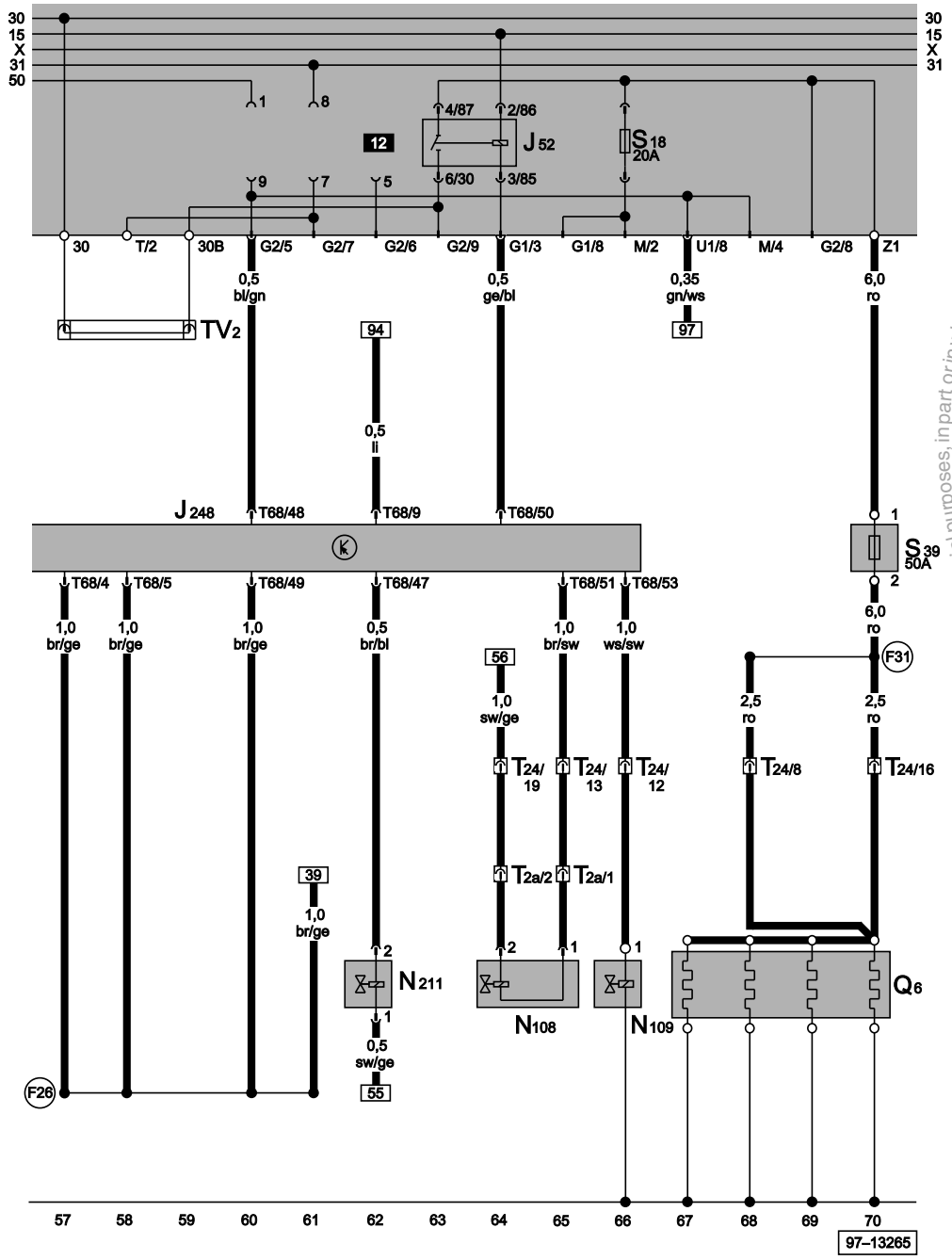

Relay for coolant heater elements, diesel direct injection system control unit, commencement of injection valve, throttle butterfly valve, fuel shut – off valve

J52	Glow plug relay
J248	Diesel direct injection system control unit, in plenum chamber left
N108	Commencement of injection valve
N109	Fuel shut-off valve
N211	Throttle butterfly valve, fault reader VAG 1551 print-out is: V60
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs
T2a	2-pin connector
T24	24-pin connector, on engine left
T68	68-fach, on control unit
TV2	Terminal 30 junction box
F26	Connection -2-, in diesel direct injection system wiring harness
F31	Connection (glow plugs - engine), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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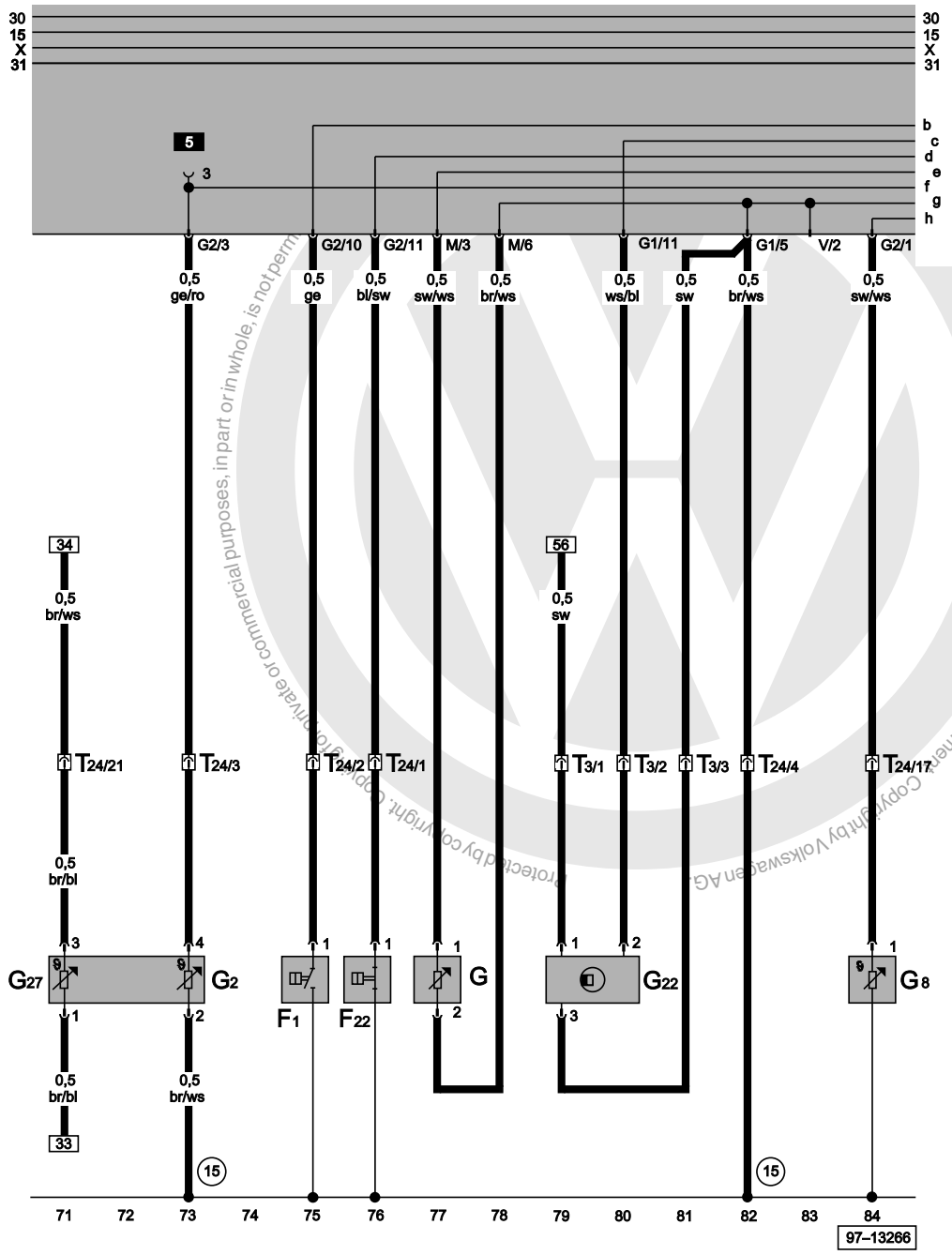
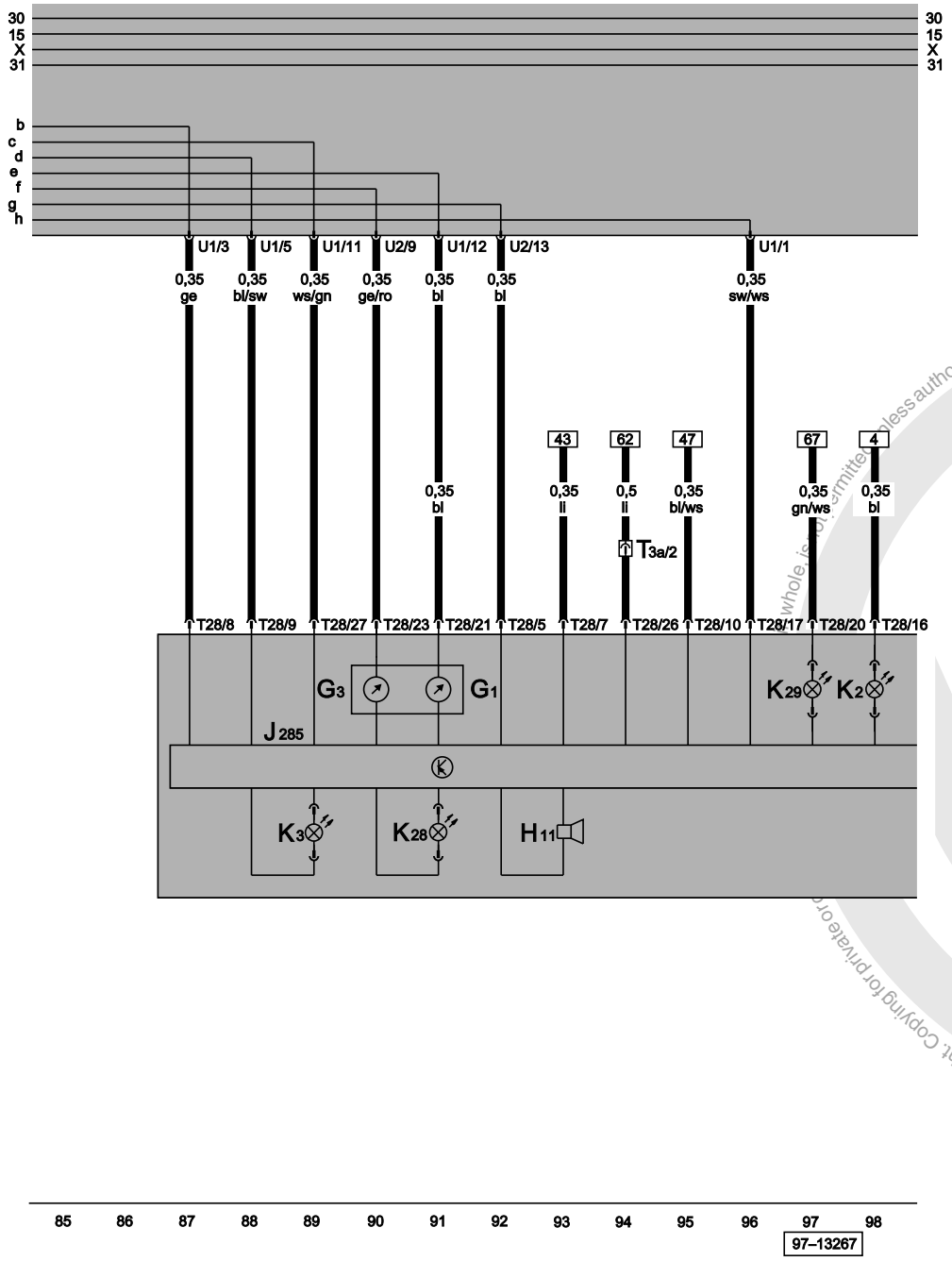


Engine temperature sender, oil pressure switch, speedometer sender

F1	Oil pressure switch *
F22	Oil pressure switch (0.3 bar)
G	Fuel gauge sender
G2	Coolant temperature gauge
G8	Oil temperature sender
G22	Speedometer sender (hall sender, on gearbox)
G27	Engine temperature sender
G32	Coolant shortage indicator sender
T3	3-pin connector, behind relay plate
T24	24-pin connector, on engine left
15	Earth point, on cylinder head
*	For switch values, Engine Workshop manual, Caddy 1996►, Polo Classic ►

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, optical and acoustical oil pressure warning

G1	Fuel gauge
G3	Coolant temperature gauge
H11	Oil pressure warning buzzer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature warning lamp/coolant shortage warning lamp
K29	Glow period warning lamp
T3a	3-pin connector
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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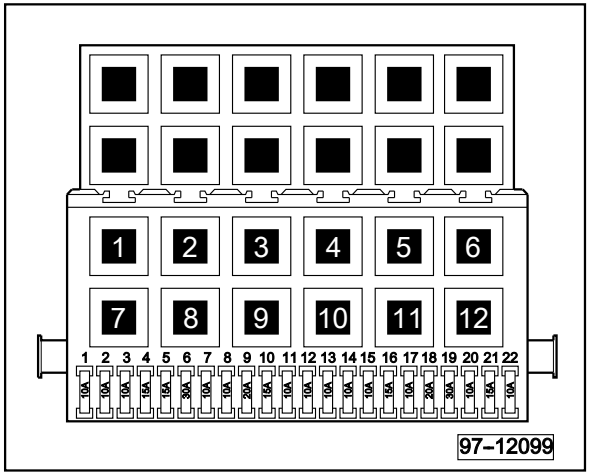
1.6 l/74 kW Simos, engine codes AFT

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Current supply relay for Simos control unit (30)
12 - Fuel pump relay (167)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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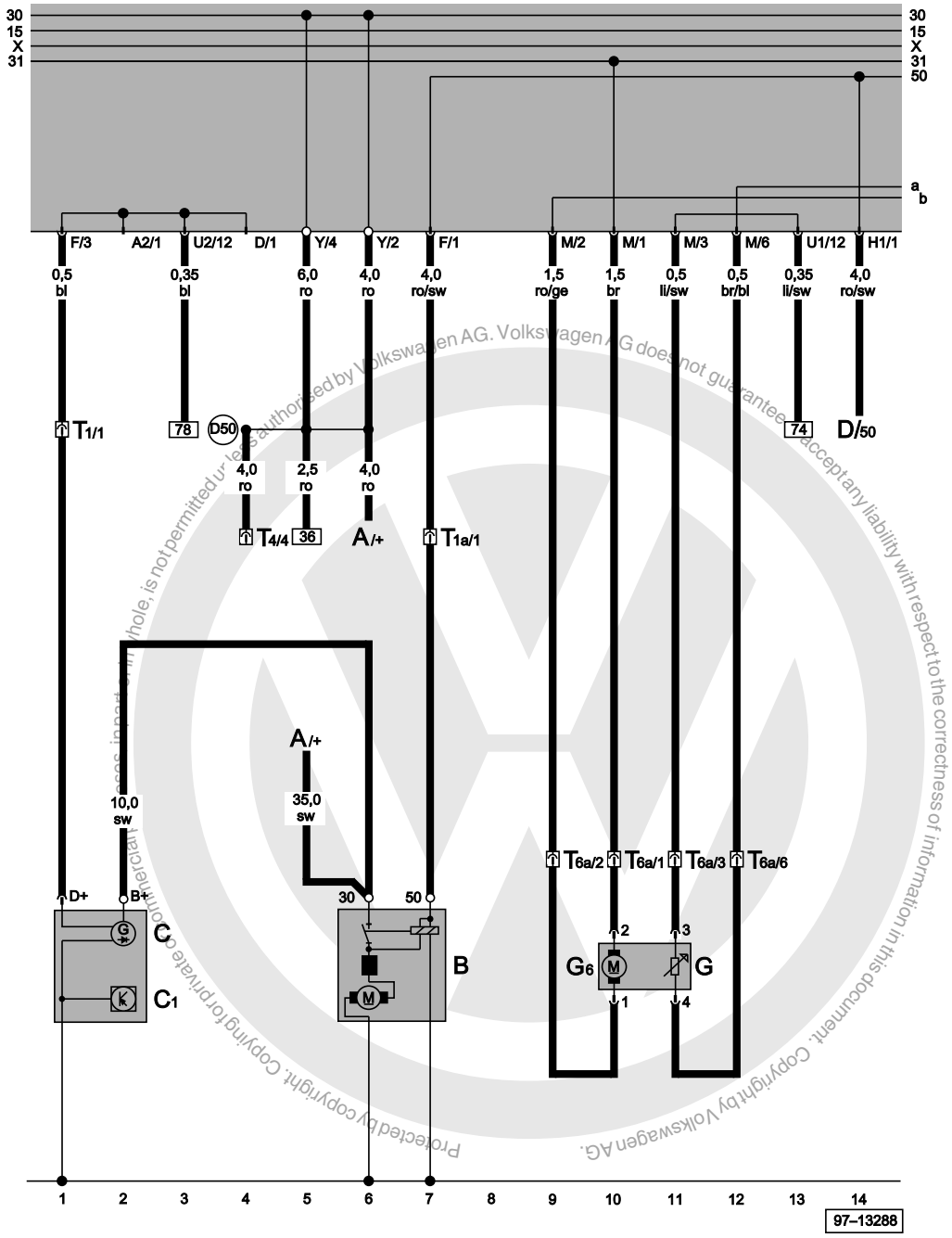

Alternator, starter, fuel pump, fuel gauge sender

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
G	Fuel gauge sender
G6	Fuel pump
T1	Single connector, near starter
T1a	Single connector, near starter
T4	4-pin connector, on radiator fan control unit
T6a	6-pin connector, on the fuel pump
D50	Positive (+) connection (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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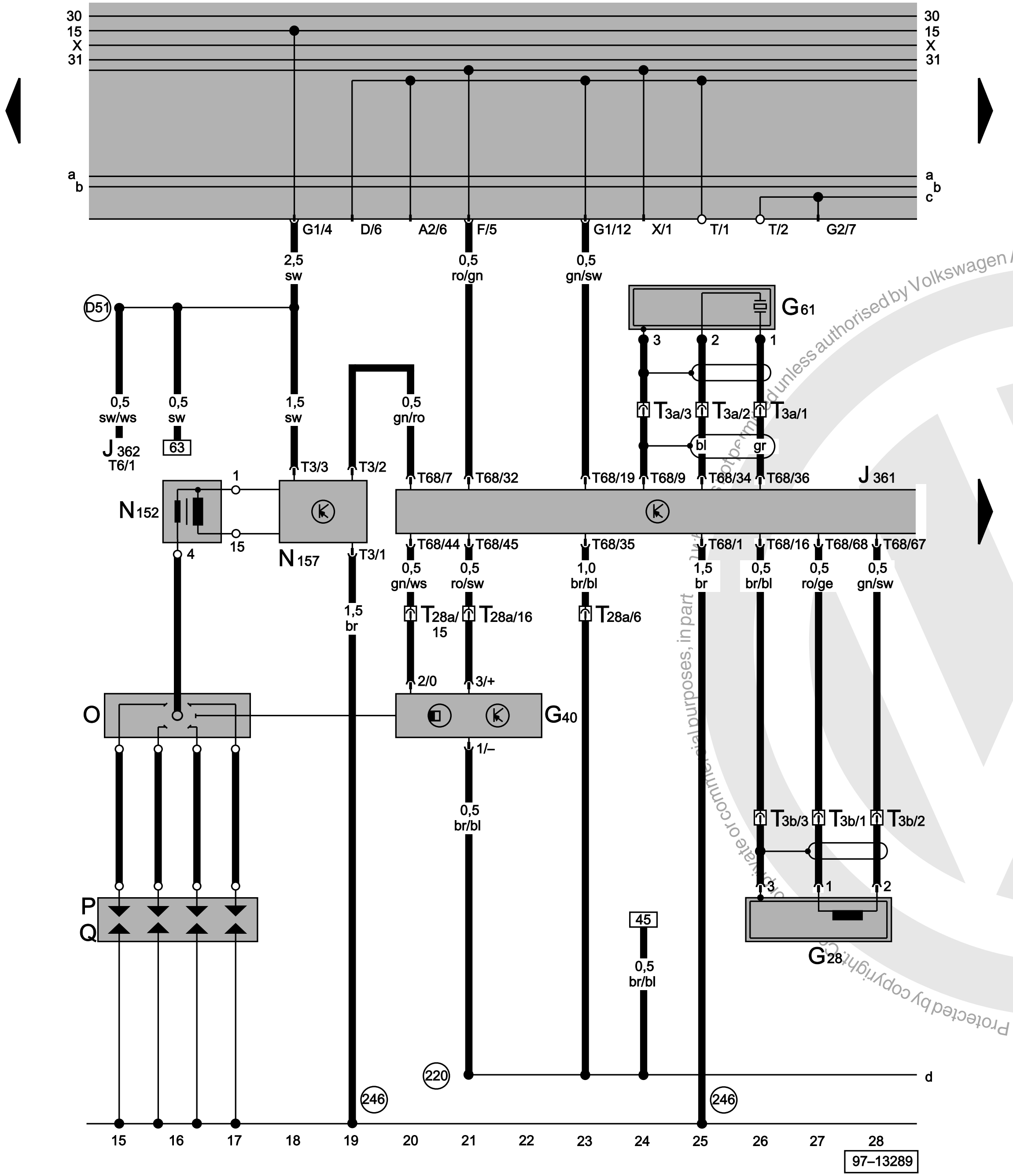

Simos control unit, ignition system, engine speed sender, knock sensor

G28	Engine speed sender
G40	Hall sender
G61	Knock sensor
J361	Simos control unit, in plenum chamber, left
J362	Immobilizer control unit, on dash panel, above the relay plate
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T3	3-pin connector, on ignition transformer
T3a	3-pin connector, on engine front
T3b	3-pin connector, on engine front
T6	6-pin connector, on immobilizer
T28a	28-pin connector, on engine left
T68	68-pin connector, on Simos control unit
220	Earth connection (sender earth), in engine wiring harness
246	Earth connection, in Simos wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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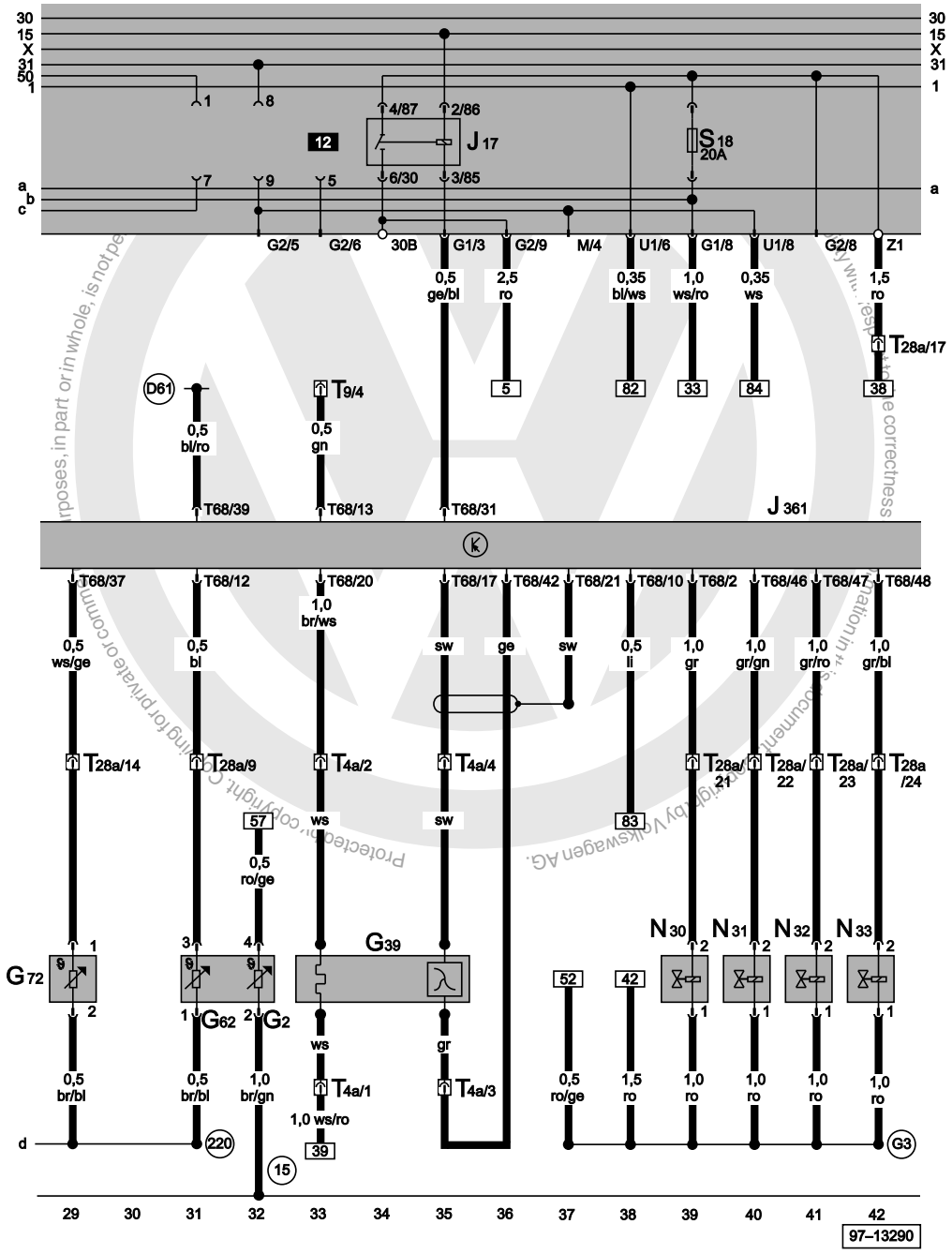
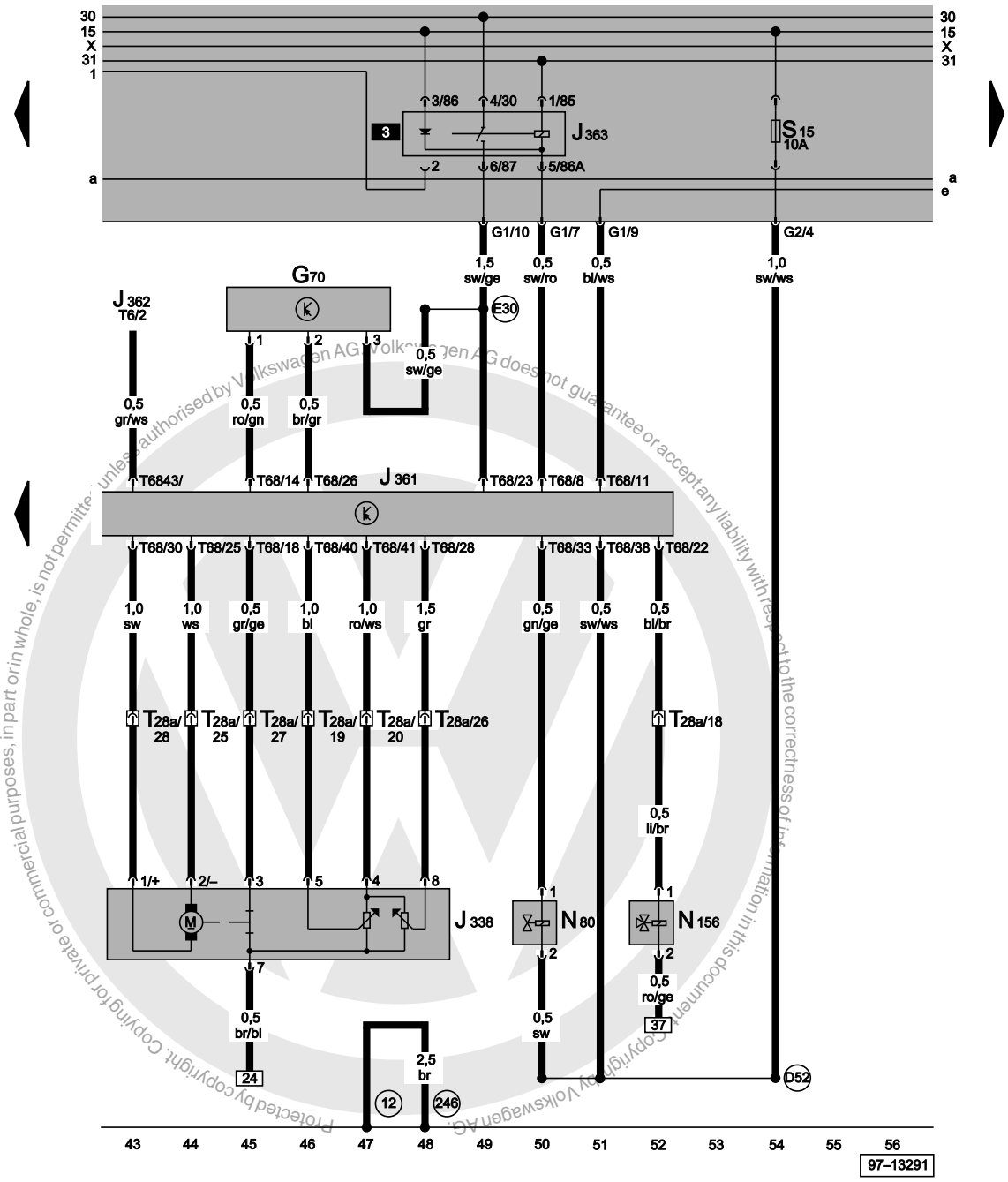


Simos control unit, lambda probe, coolant temperature sender, injectors, intake manifold temperature sender

G2	Coolant temperature sender
G39	Lambda probe
G62	Coolant temperature sender
G72	Intake manifold temperature sender
J17	Fuel pump relay
J361	Simos control unit, in plenum chamber, left
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T4a	4-pin connector, on engine right
T9	9-pin connector, relay for air conditioner
T28a	28-pin connector, on engine left
T68	68-pin connector, on Simos control unit
15	Earth point, on cylinder head
220	Earth connection (sender earth), in injectors
D61	Connection (air conditioner), in engine compartment wiring harness
G3	Positive (+) connection in cable sleeve - injectors

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Simos control unit, air mass meter, throttle valve control unit, activated charcoal filter system solenoid valve

J338	Throttle valve control unit
J361	Simos control unit, in plenum chamber, left
J362	Immobilizer control unit, on dash panel, above the relay plate
J363	Current supply relay for Simos
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
N156	Intake manifold change-over valve
T6	6-pin connector, on immobilizer
T28a	28-pin connector, on engine left
T68	68-pin connector, on Simos control unit
12	Earth point, in engine compartment, left, near battery
246	Earth connection, in Simos wiring harness
D52	Positive (+) connection (15a), in engine compartment wiring harness
E30	Connection (87), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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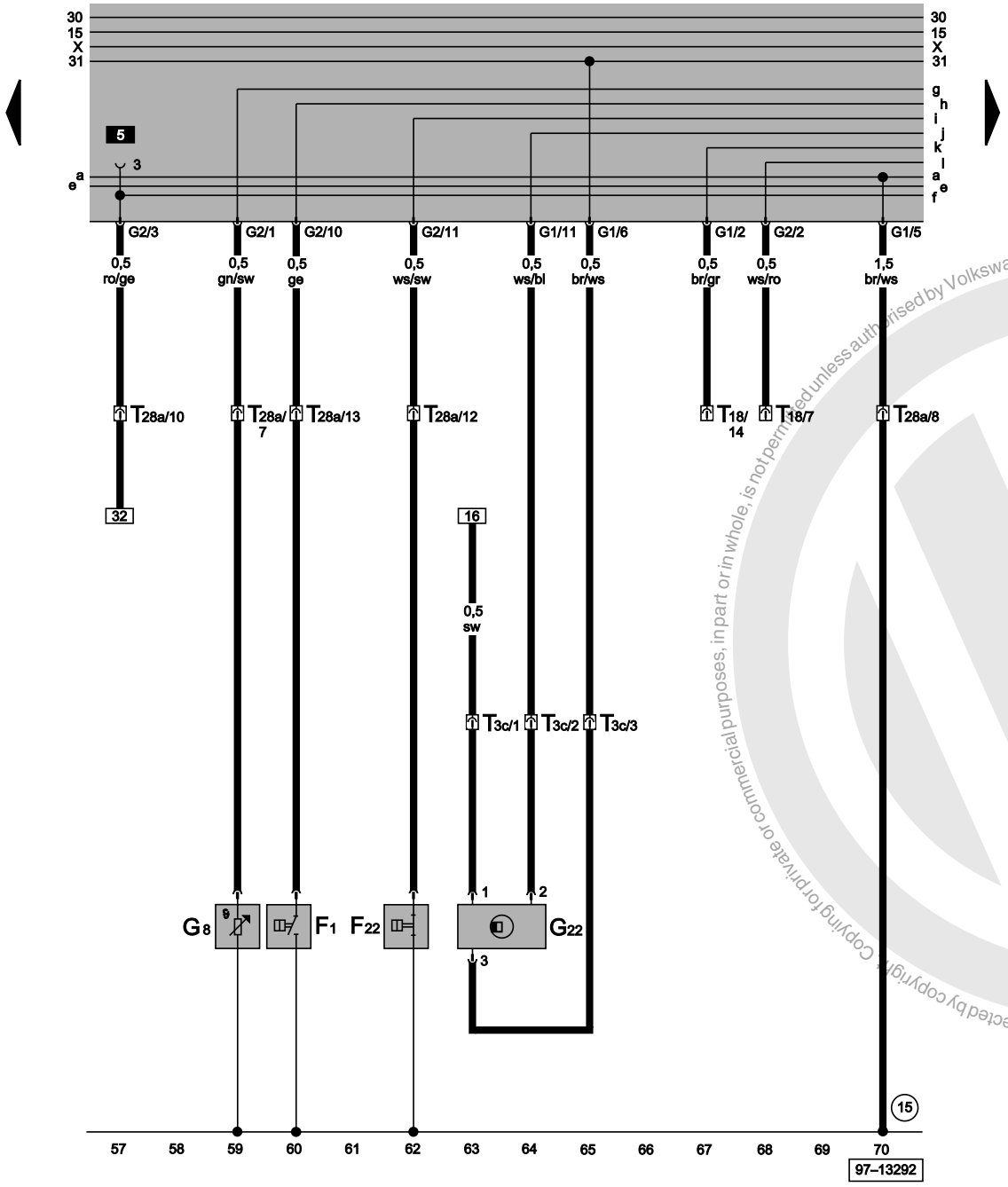

Oil temperature sender, oil pressure switch, speedometer sender

F1	Oil pressure switch *
F22	Oil pressure switch (0.25 bar)
G8	Oil temperature sender
G22	Speedometer sender (hall sender, on gearbox)
T3c	3-pin connector, on hall sender
T18	18-pin connector, near radiator left
T28a	28-pin connector, on cylinder head, left
15	Earth point, on cylinder head

* For switch values, Engine Workshop manual, Caddy 1996►, Polo Classic ►

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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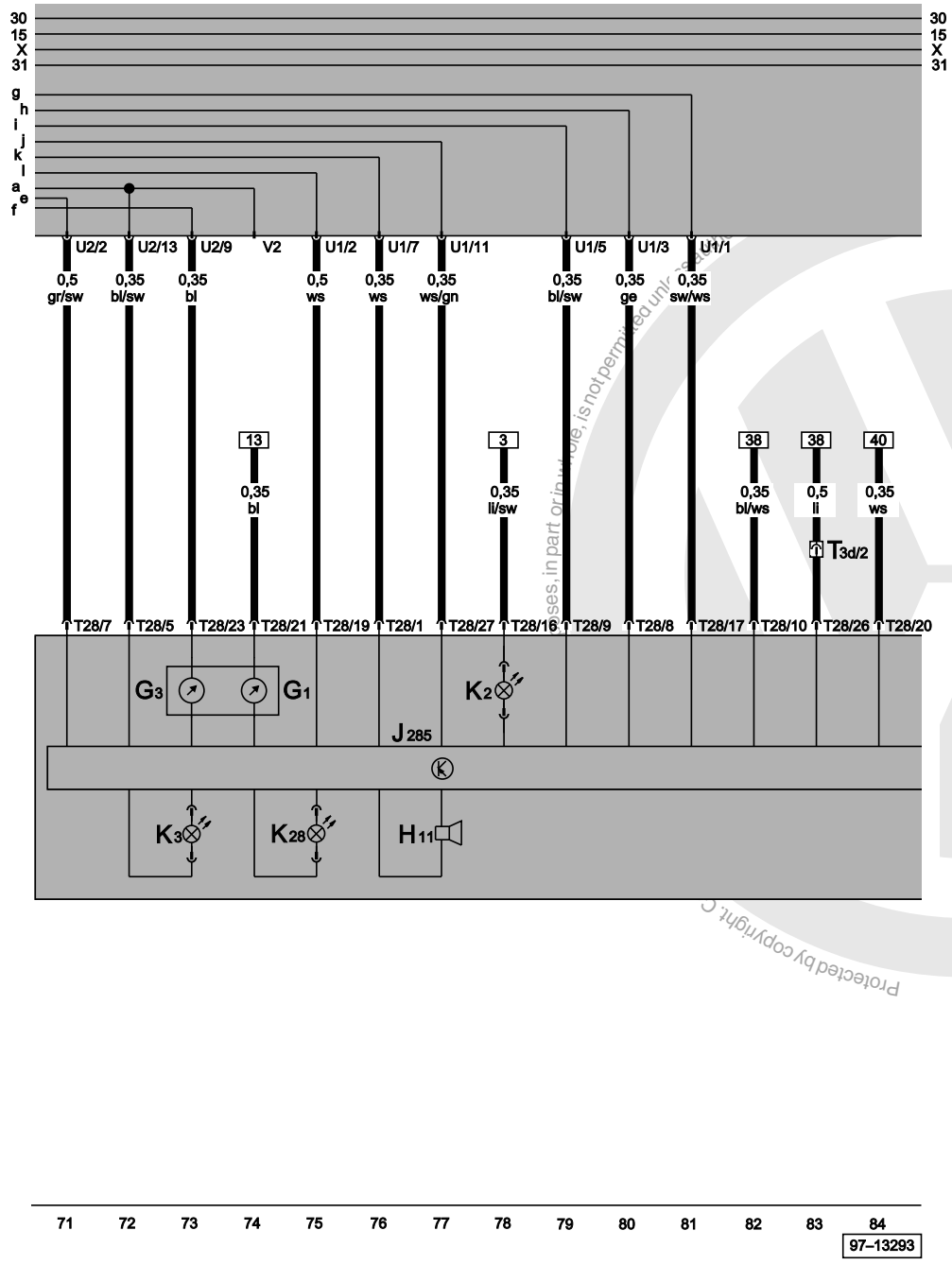

Dash panel insert, optical and acoustical oil pressure warning, odometer display, coolant shortage and coolant temperature indicator, fuel gauge

G1	Fuel gauge
G3	Coolant temperature gauge
H11	Oil pressure warning buzzer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature warning lamp Coolant shortage indicator
T3d	3-pin connector, behind relay plate
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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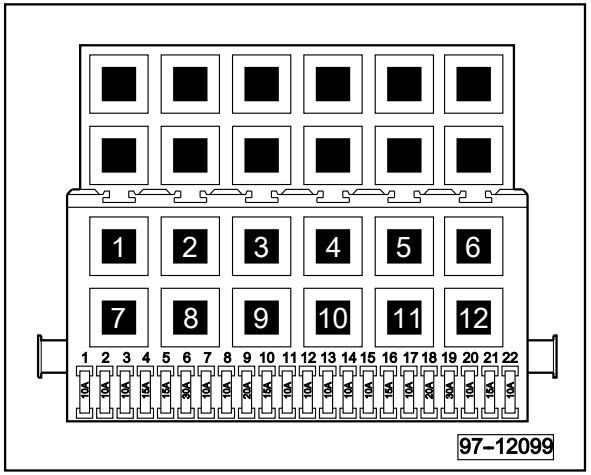
Radiator fan, 2 speed

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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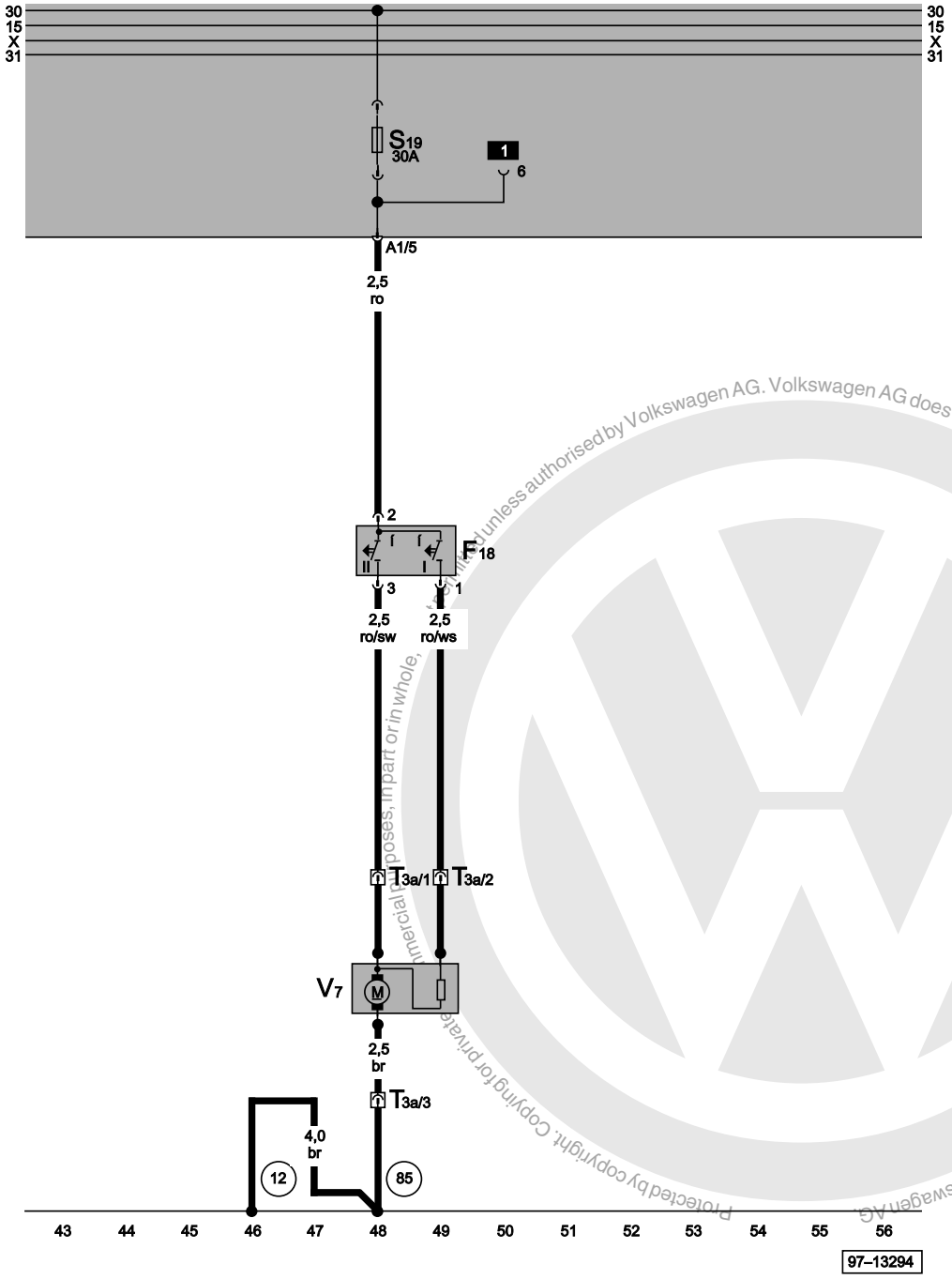

Radiator fan

F18	Radiator fan thermo-switch
T3a	3-pin connector, on radiator fan
V7	Radiator fan
12	Earth point, in engine compartment, left, under the battery
85	Earth connection -1-, in wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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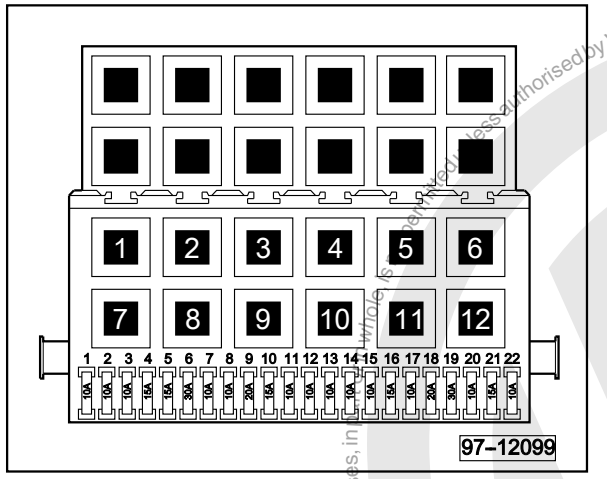
Radiator fan, 2 speed

⇒ **1.9 l /47 kW cat diesel engine, engine code 1Y**

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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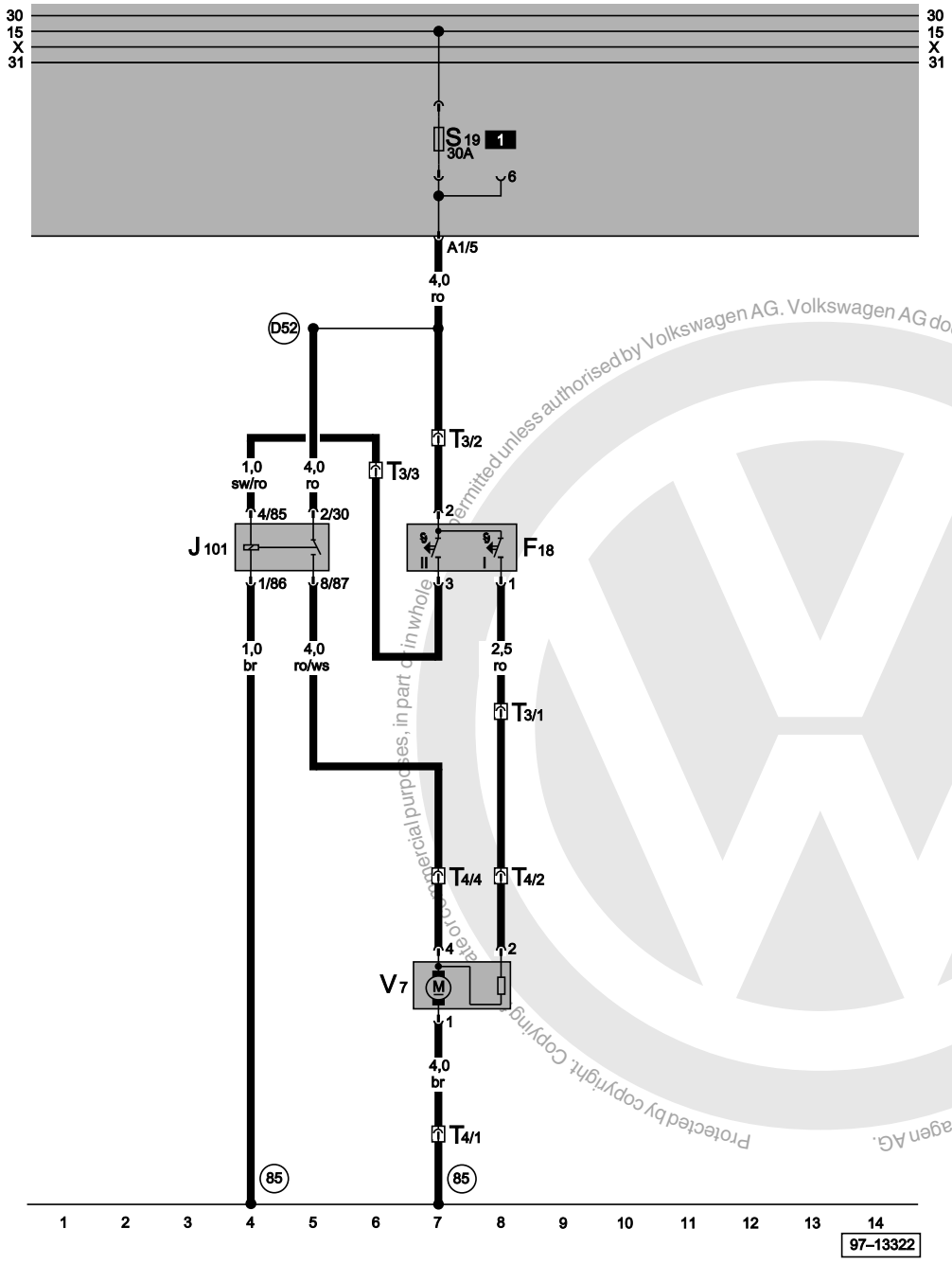

Radiator fan, radiator fan relay

F18	Radiator fan thermo-switch
J101	Radiator fan 2nd speed relay
T3	3-pin connector, radiator fan thermo-switch
T4	4-pin connector, on radiator fan
V7	Radiator fan
85	Earth connection -1-, in engine compartment wiring harness
D52	Positive (+) connection (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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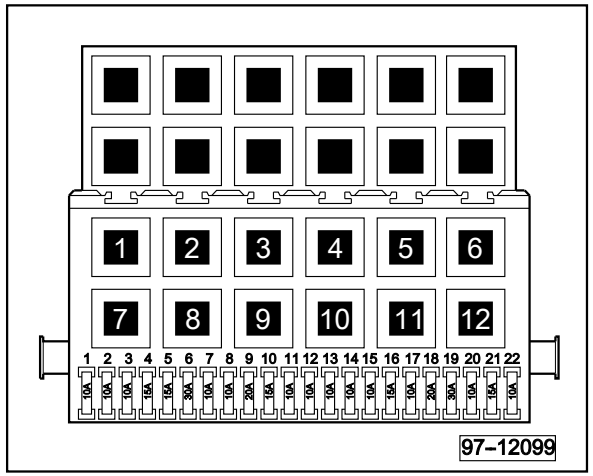
Immobilizer

⇒ **1.9 l /47 kW cat diesel engine, engine code 1Y**

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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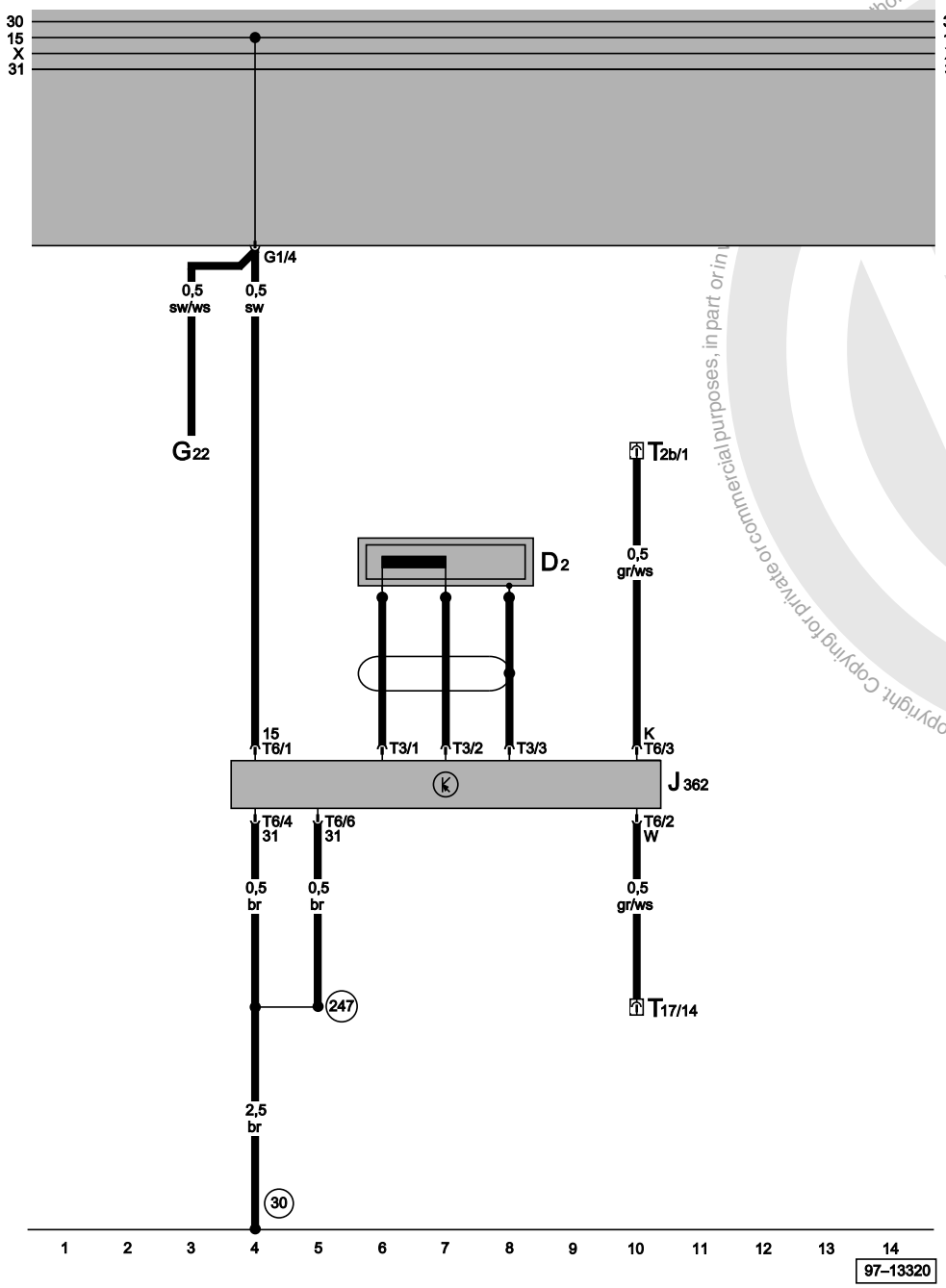

Immobilizer

D2	Immobilizer reading coil
G22	Speedometer sender (hall sender, on gearbox)
J362	Immobilizer control unit, on dash panel, above the relay plate
T2b	2-pin connector, behind relay plate
T3	3-pin connector
T6	6-pin connector
T17	17-pin connector, on engine left
30	Earth point -1-, next to relay plate
247	Earth connection (immobilizer), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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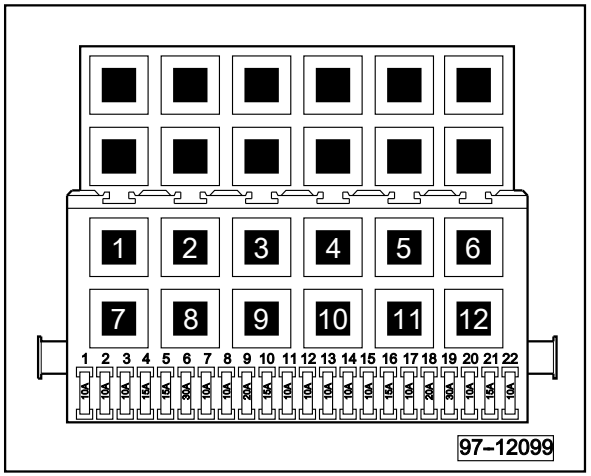
Immobilizer

⇒ **1.9 l /47 kW cat diesel engine, engine code AEY**

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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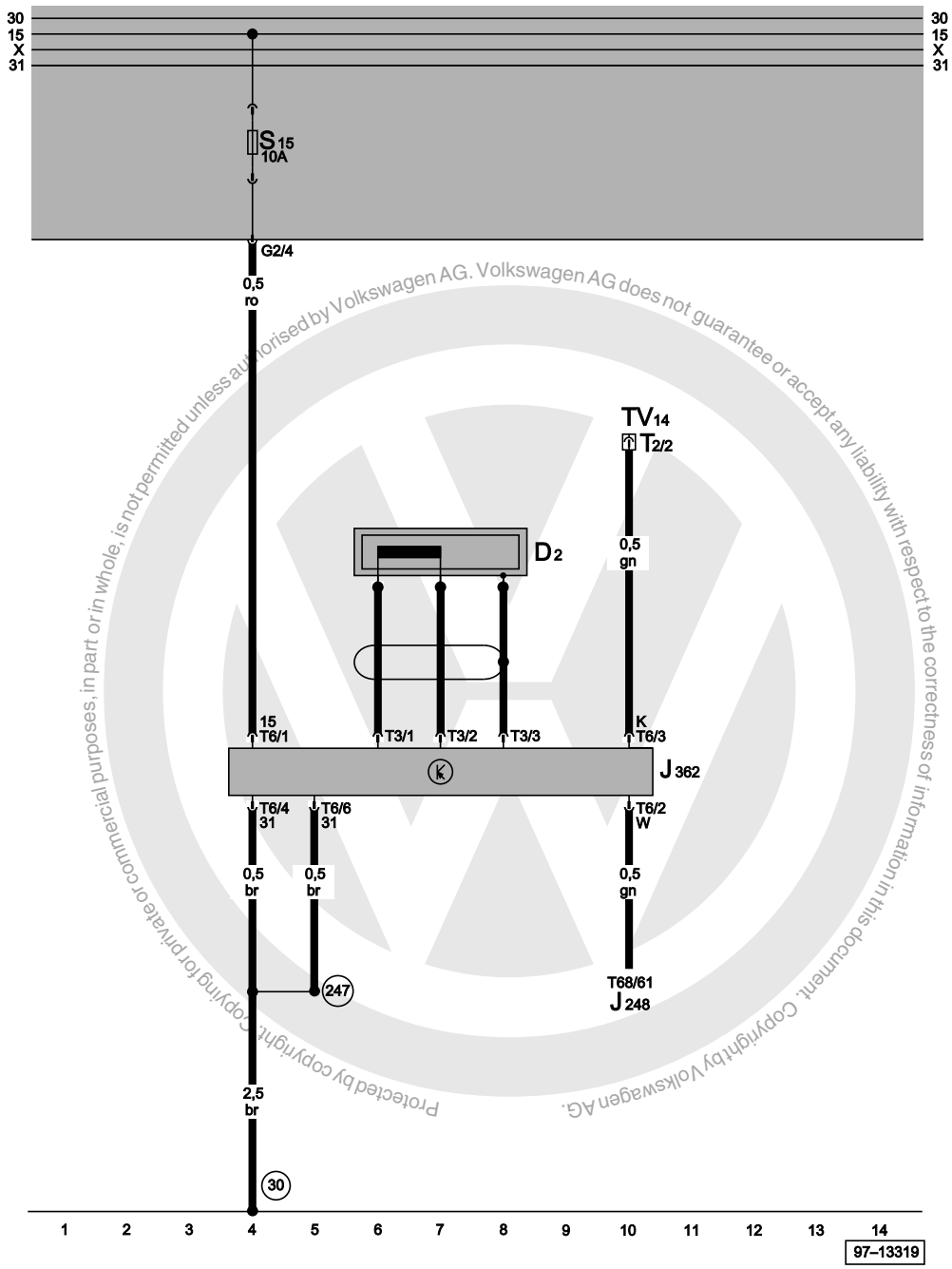

Immobilizer

D2	Immobilizer reading coil
J248	Diesel direct injection system control unit, in plenum chamber left
J362	Immobilizer control unit, on dash panel, above the relay plate
T2	2-pin connector, terminal for self-diagnosis, behind the relay plate
T3	3-pin connector
T6	6-pin connector
T68	68-pin connector, on engine left
TV14	Terminal for self-diagnosis
30	Earth point -1-, next to relay plate
247	Earth connection (immobilizer), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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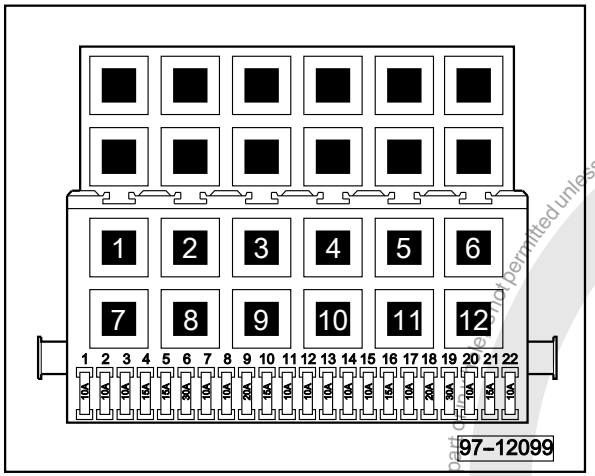
Immobilizer

⇒ 1.4 l/44 kW Motronic, engine codes AEX
⇒ 1.6 l/55 kW Mono Motronic, engine codes 1F
⇒ 1.6 l/74 kW Simos, engine codes AFT
From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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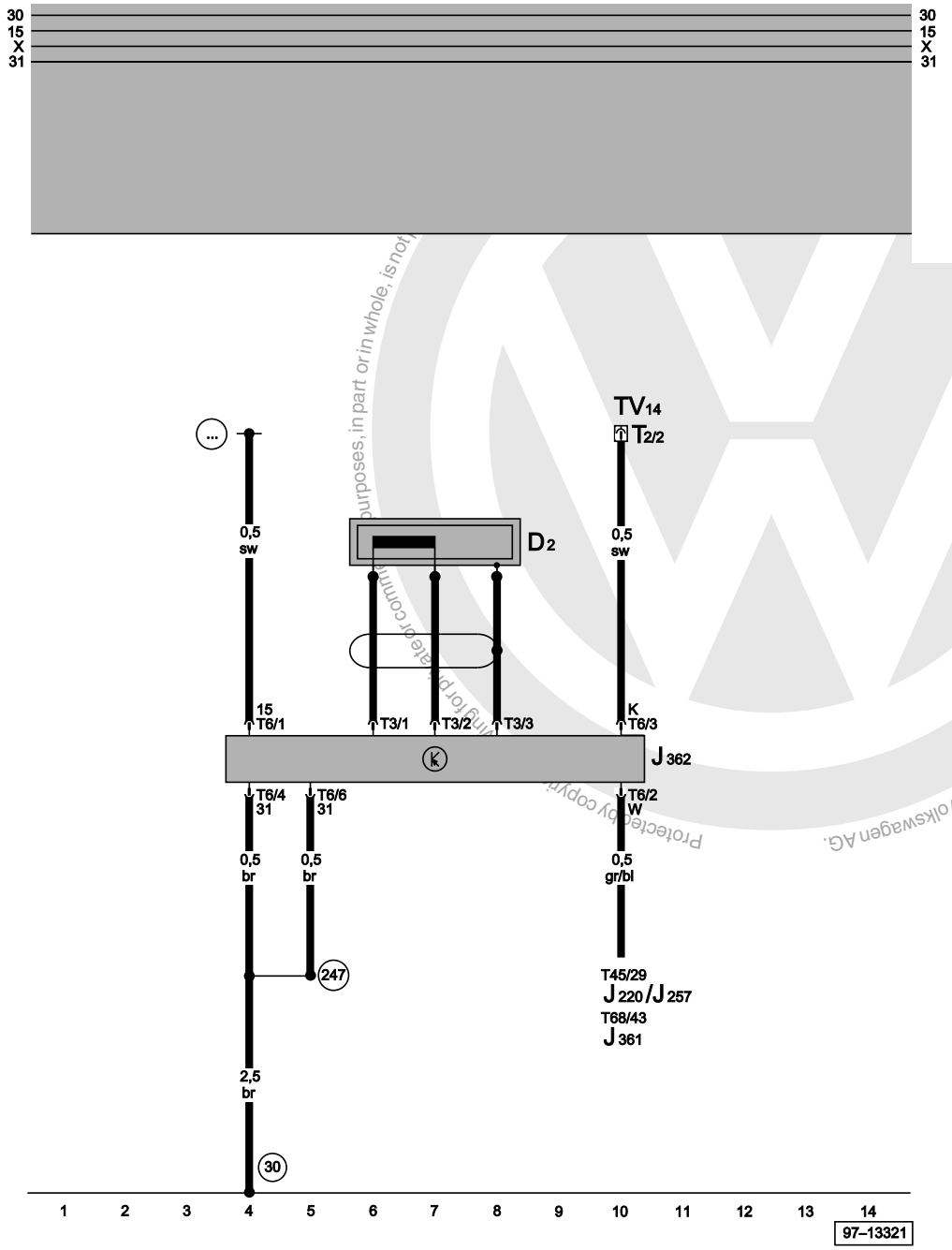

Immobilizer

D2	Immobilizer reading coil
J220	Motronic control unit, in plenum chamber left
J257	Mono-Motronic control unit, in plenum chamber left
J361	Simos control unit, in plenum chamber, left
J362	Immobilizer control unit, on dash panel, above the relay plate
T2	2-pin connector, terminal for self-diagnosis, behind the relay plate
T3	3-pin connector
T6	6-pin connector
T45	45-pin connector, on Mono Motronic control unit
T68	68-pin connector, on Simos control unit
TV14	Terminal for self-diagnosis
30	Earth point -1-, next to relay plate
247	Earth connection (immobilizer), in dash panel wiring harness
...	Positive (+) connection (15), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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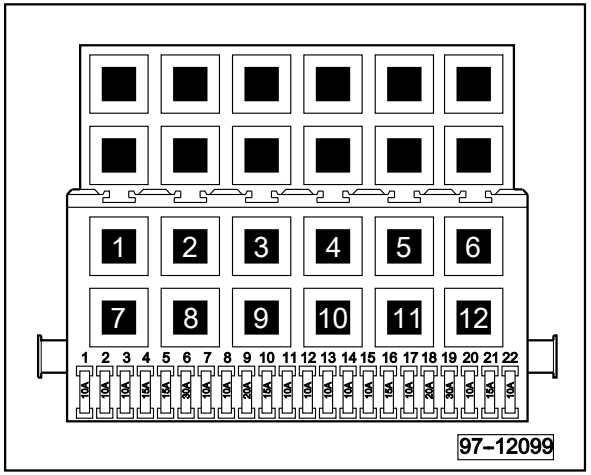
Anti-lock brake system (ABS) and anti-lock brake system (ABS) with electronic differential lock (EDL)

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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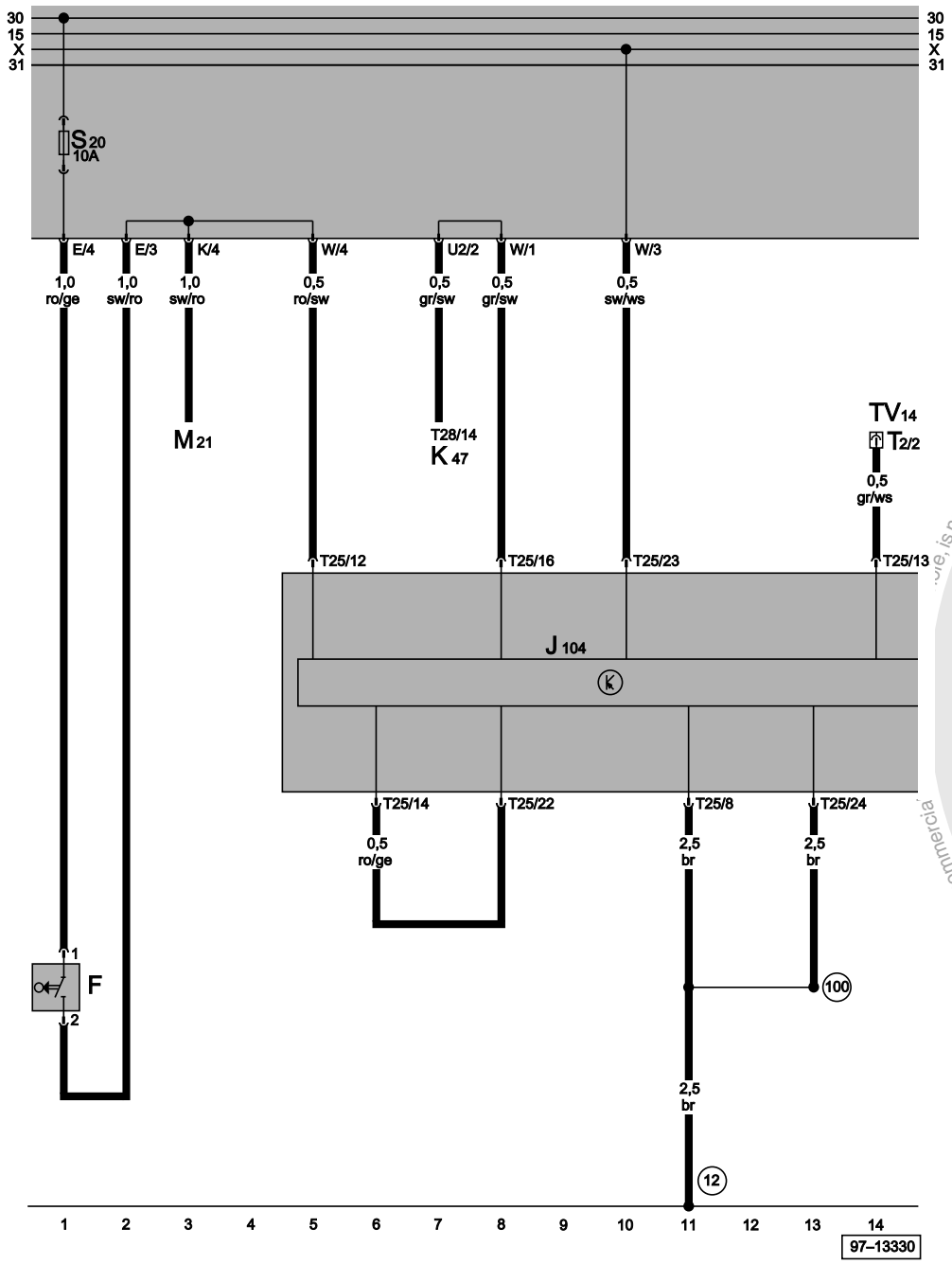

ABS control unit, brake light switch

F	Brake light switch
J104	ABS/ABS with EDL control unit, in engine compartment, left
K47	ABS warning lamp
M21	Brake and tail light bulb, left
T25	25-pin connector, on ABS control unit
T2	2-pin connector, terminal for self-diagnosis, behind the relay plate
T28	28-pin connector, on dash panel insert
TV14	Terminal for self-diagnosis
18	Earth point, in engine compartment, left
100	Earth connection -1-, in ABS wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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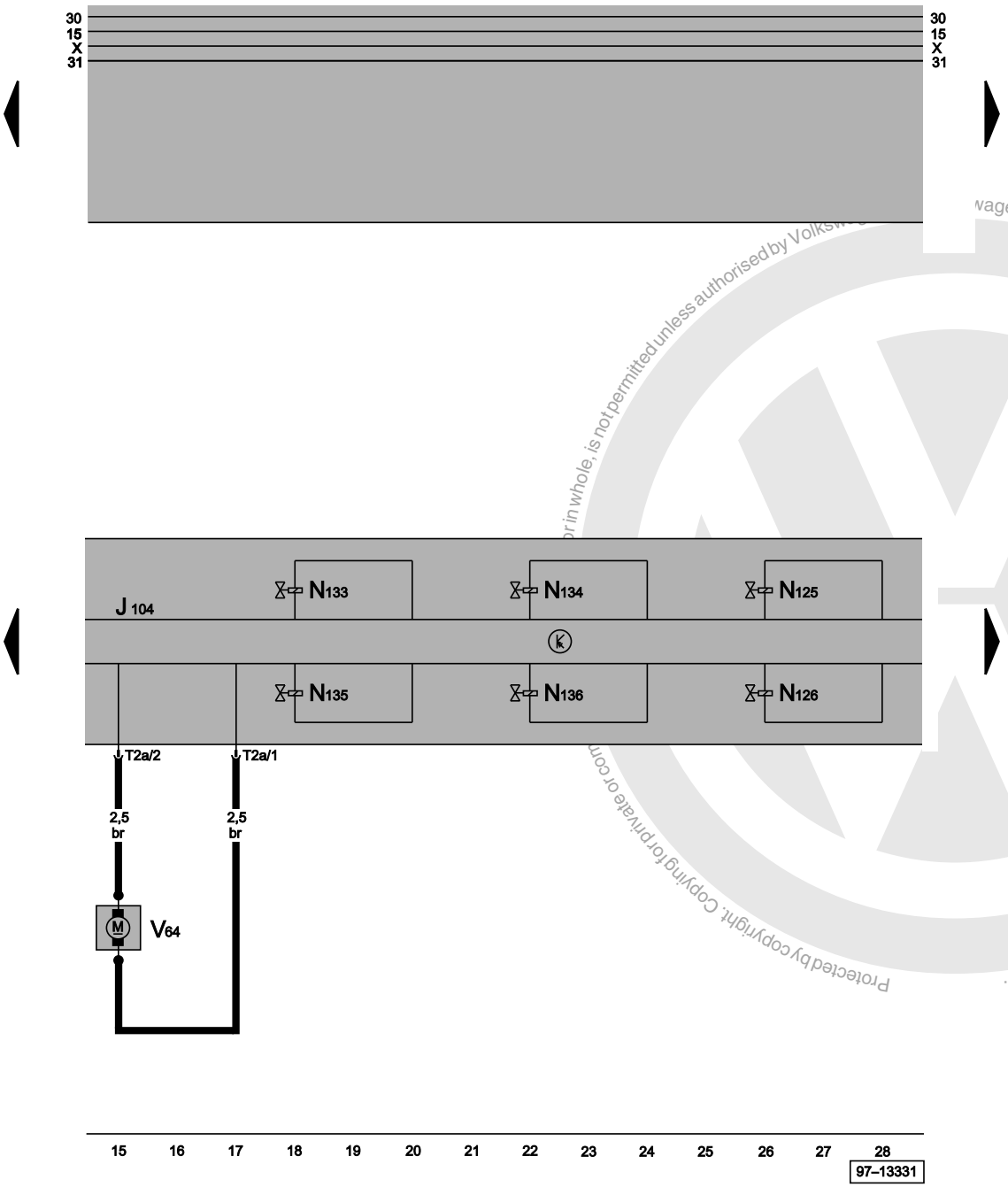

ABS control unit, inlet valves

J104	ABS/ABS with EDL control unit, in engine compartment, left
N125	Differential lock valve 1 only models with EDS
N126	Differential lock valve 2 only models with EDS
N133	ABS inlet valve, rear right
N134	ABS inlet valve, rear left
N135	ABS outlet valve, rear right
N136	ABS outlet valve, rear left
T2a	2-pin connector, on control unit
V64	ABS hydraulic pump

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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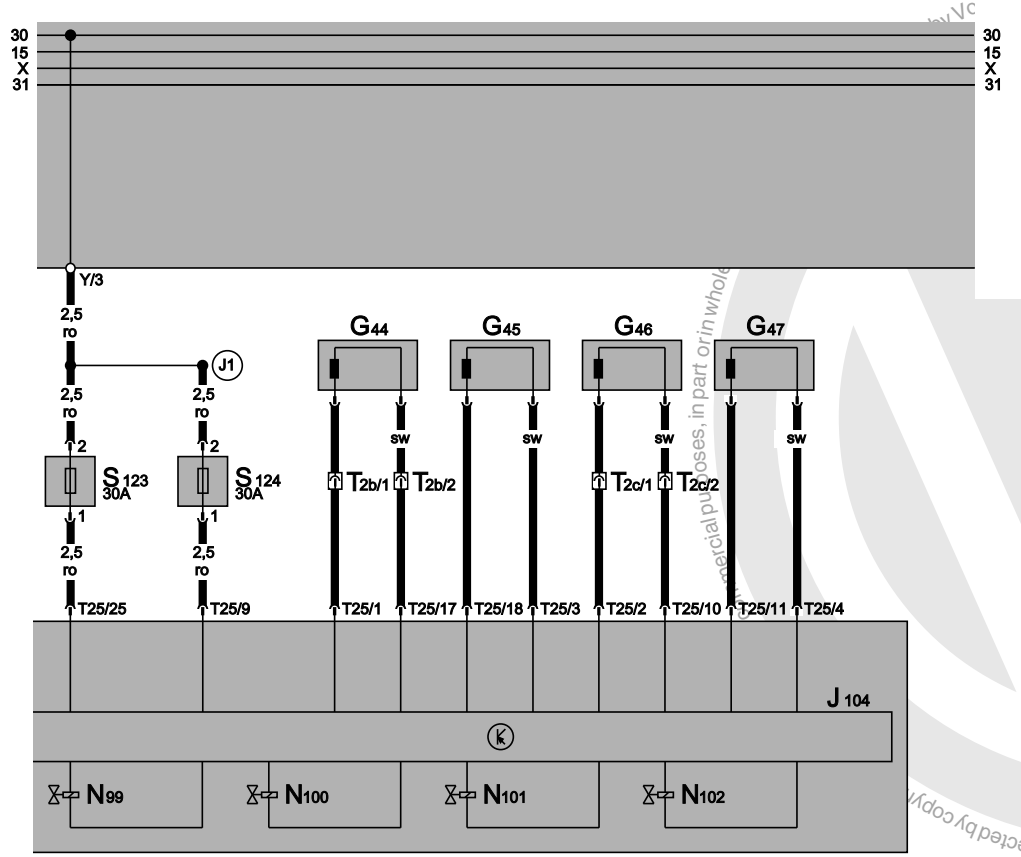

ABS control unit, speed sensor, inlet valves, fuses

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS/ABS with EDL control unit, in engine compartment, left
N99	ABS inlet valve, front right
N100	ABS outlet valve, front right
N101	ABS inlet valve, front left
N102	ABS outlet valve, front left
S123	Fuse 1 for ABS control unit, above the relay plate
S124	Fuse 2 for ABS control unit, above the relay plate
T2b	2-pin connector, under rear seat bench
T2c	2-pin connector, under rear seat bench
T25	25-pin connector, on ABS control unit
J1	Positive (+) connection (30), in ABS wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

97–13332

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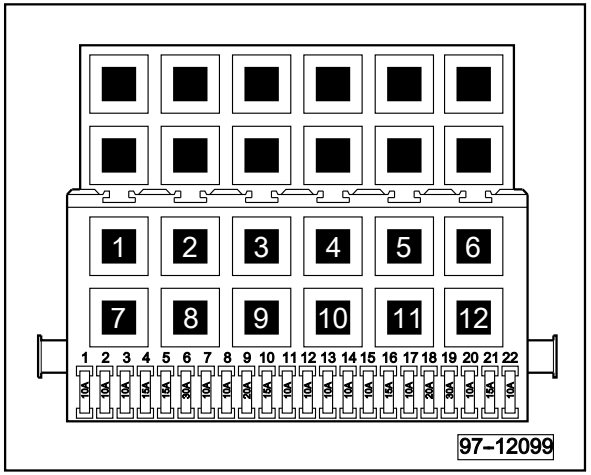
Radio system "alpha" with 2 loudspeakers

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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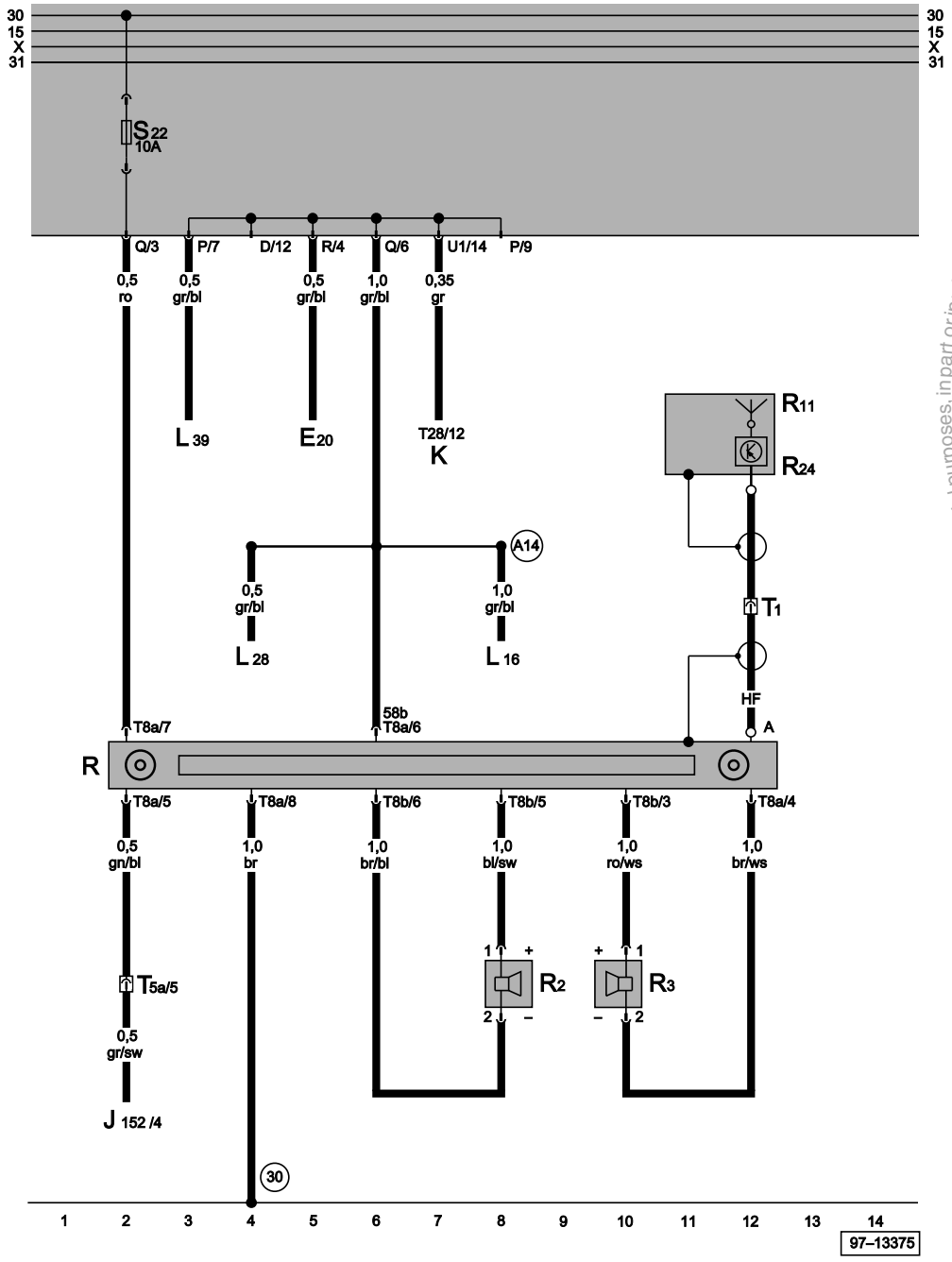
Radio, loudspeaker front, electronic boosted roof aerial



E20	Switches and instruments, lighting regulator
J152	Warning buzzer for side light
K	Dash panel insert
L16	Fresh air control light bulb
L28	Cigarette lighter light bulb
L39	Heated rear window switch bulb
R	Radio
R2	Loudspeaker, front left
R3	Loudspeaker, front right
R11	Aerial
R24	Aerial booster
T1	Single connector, on lower part of left A-pillar
T5a	5-pin connector, behind relay plate
T8a	8-pin connector, on radio
T8b	8-pin connector, on radio
T28	28-pin connector, on dash panel insert
(30)	Earth point -1-, next to relay plate
(A14)	Positive (+) connection (58b), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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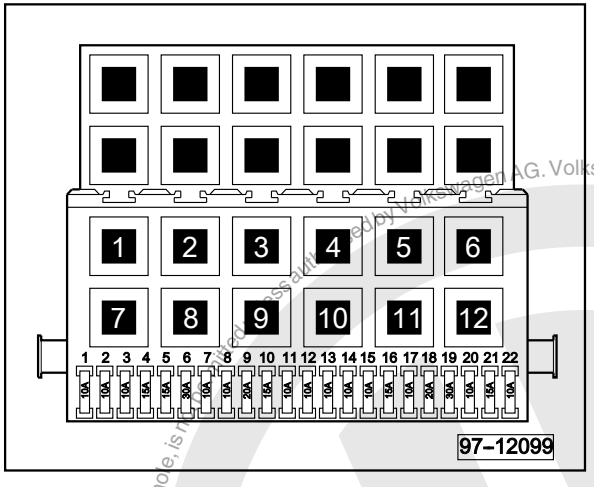
Radio system "beta" with 4 loudspeakers

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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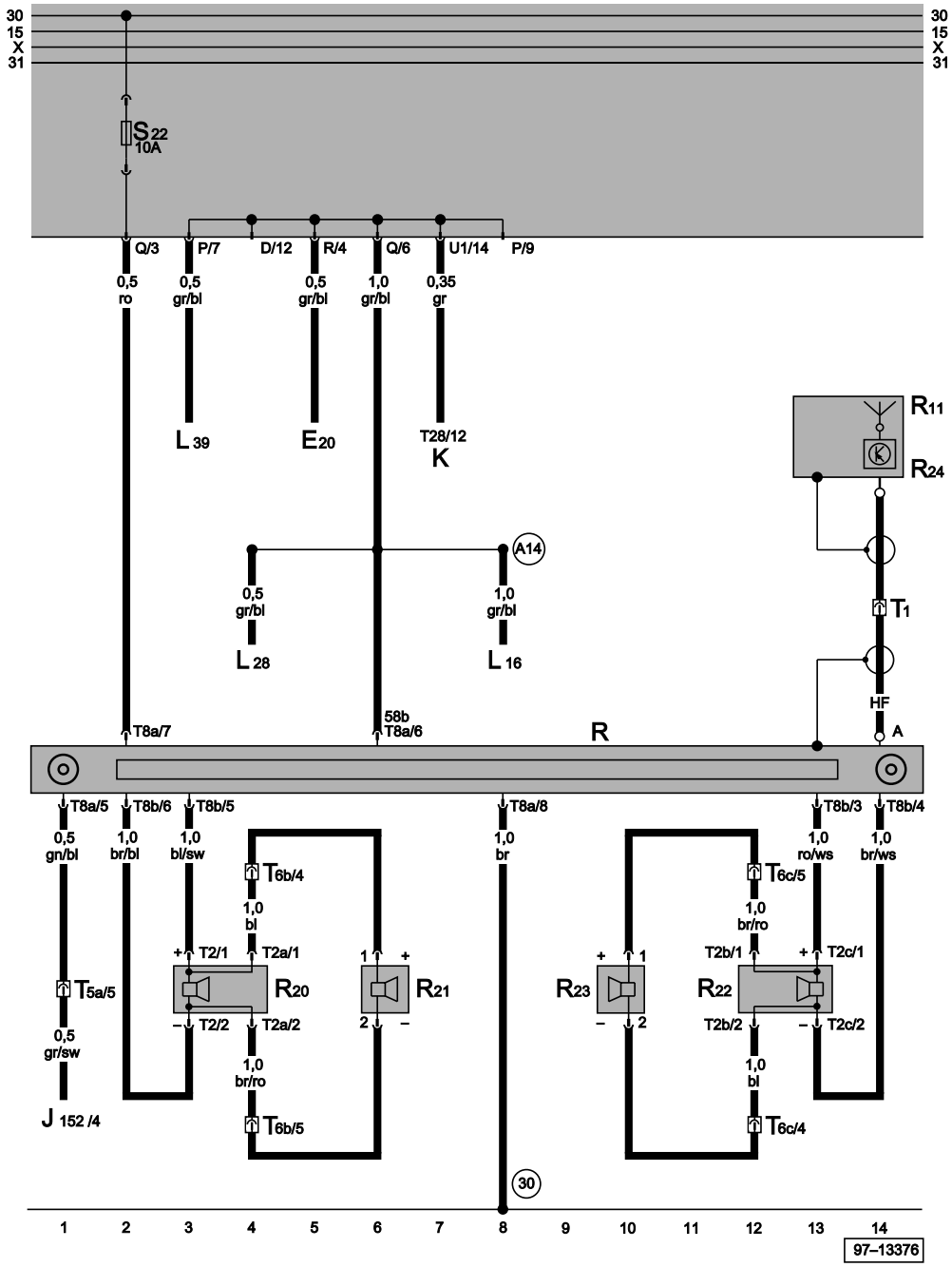
Radio, loudspeaker front, electronic boosted roof aerial



E20	Switches and instruments, lighting regulator
J152	Warning buzzer for side light
K	Dash panel insert
L16	Fresh air control light bulb
L28	Cigarette lighter light bulb
L39	Heated rear window switch bulb
R	Radio
R11	Aerial
R20	Treble loudspeaker, front left
R21	Bass loudspeaker, front left
R22	Treble loudspeaker, front right
R23	Bass loudspeaker, front right
R24	Aerial booster
T1	Single connector, on lower part of left A-pillar
T2	2-pin connector, treble loudspeaker, front left
T2a	2-pin connector, treble loudspeaker, front left
T2b	2-pin connector, on treble loudspeaker, front right
T2c	2-pin connector, on treble loudspeaker, front right
T5a	5-pin connector, behind relay plate
T6b	6-pin connector, on left A pillar
T6c	6-pin connector, on right A pillar
T8a	8-pin connector, on radio
T8b	8-pin connector, on radio
T28	28-pin connector, on dash panel insert
(30)	Earth point -1-, next to relay plate
(A14)	Positive (+) connection (58b), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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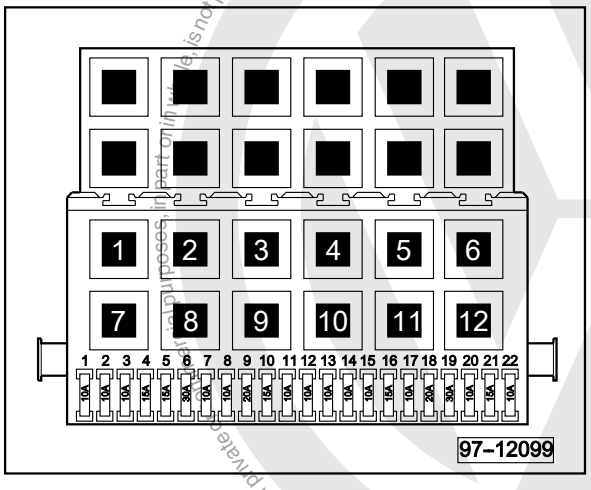
Central locking with/without infra-red remote and anti-theft alarm system

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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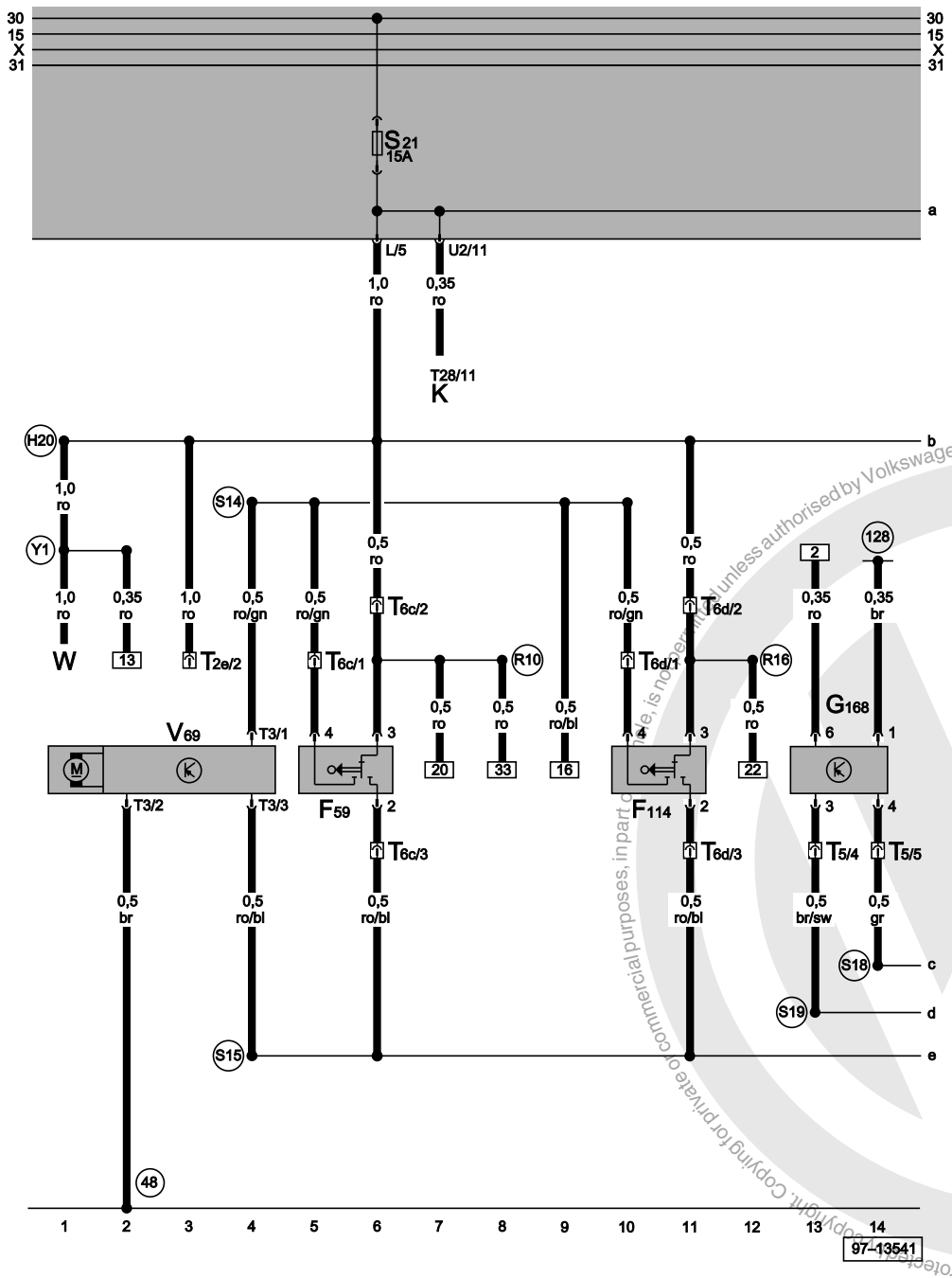

Central locking pump with control unit, tailgate/boot lid central locking switch

F59	Tailgate/boot lid central locking switch (driver's side)
F114	Tailgate/boot lid central locking switch (front passenger's side)
G168	Central locking infra-red sensor, in interior mirror
K	Dash panel insert
T2e	2-pin connector, behind relay plate
T3	3-pin connector, central locking pump with control unit
T5a	5-pin connector, behind relay plate in interior wiring harness
T6c	6-pin connector, on lower part of left A-pillar
T6d	6-pin connector, on th lower right A pillar
T28	28-pin connector, on dash panel insert
V69	Central locking pump with control unit
W	Interior light, front
48	Earth point, right side, right
128	Earth connection -1-, in interior light wiring harness
H20	Connection -1-, in diagnosis wiring harness
R10	Positive (+) connection -1- (30), in door wiring harness - front driver's side
R16	Positive (+) connection -1- (30), in door wiring harness - front passenger's side
S14	Connection (open), in central locking wiring harness
S15	Connection (closed), in central locking wiring harness
S18	Connection -2- (open), in central locking wiring harness
S19	Connection -2- (closed), in central locking wiring harness
Y1	Positive (+) connection (30), in interior light wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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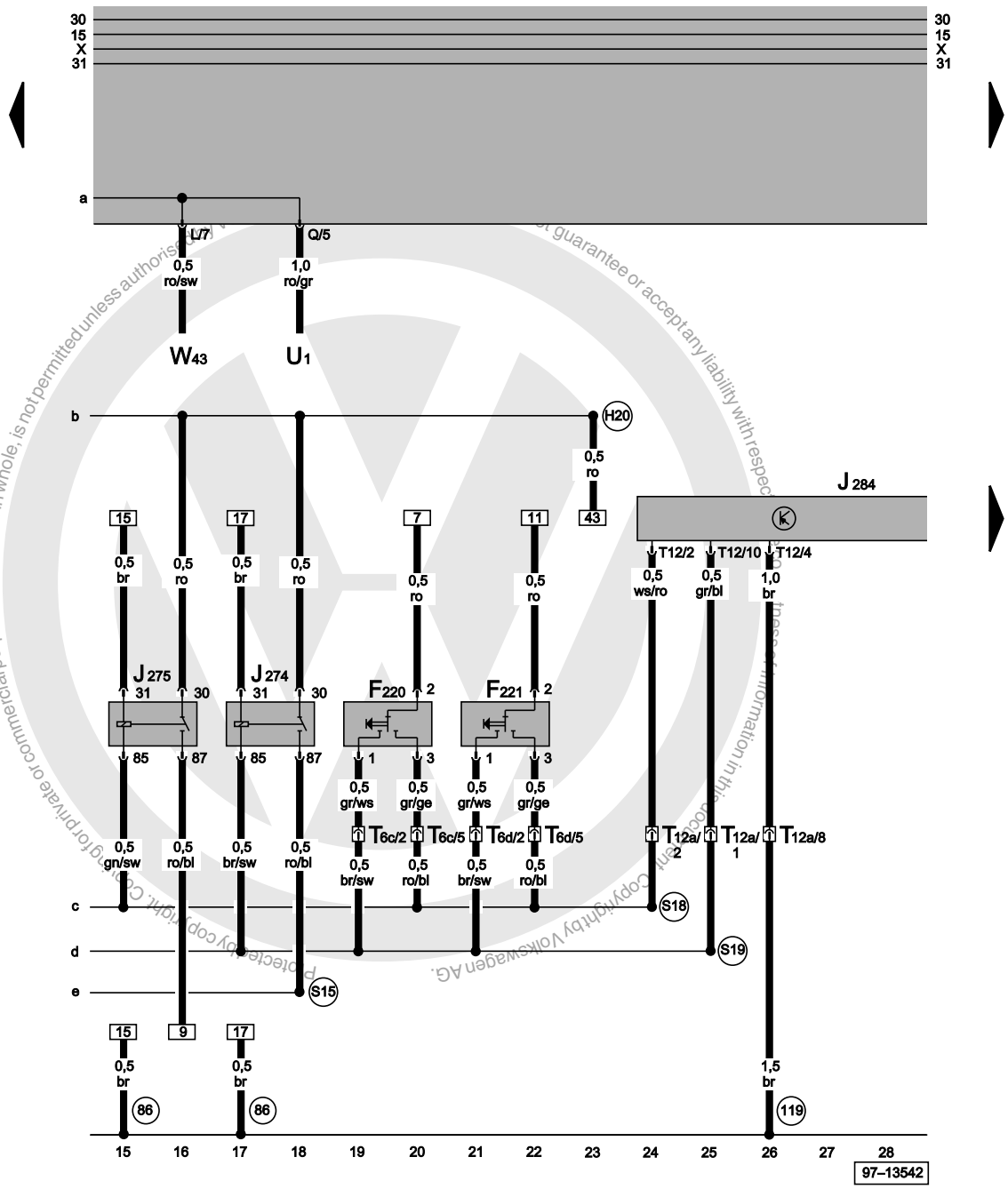
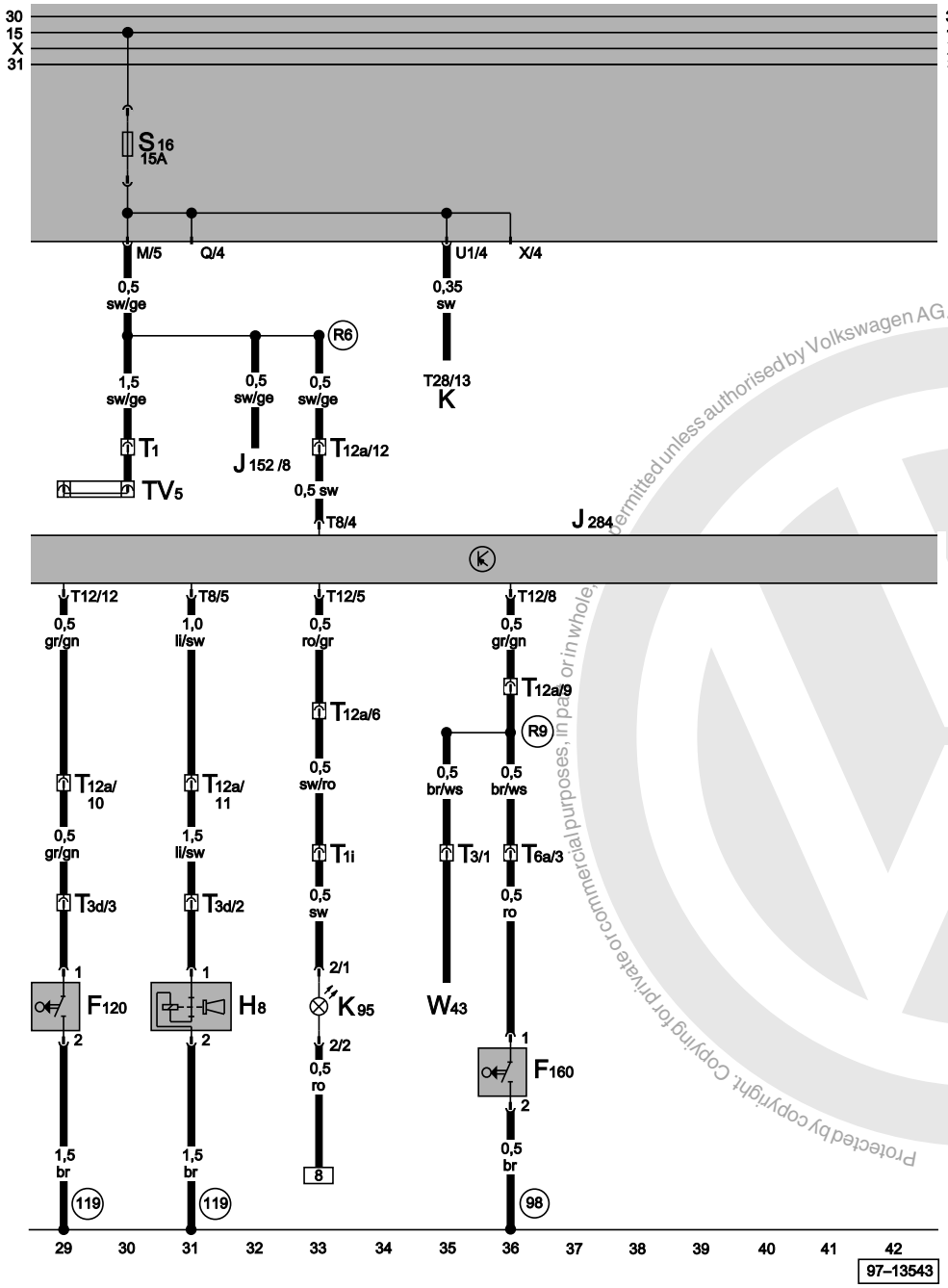


Anti–theft alarm system control unit

F220	Central locking lock unit, driver's side
F221	Central locking lock unit, front passenger's side
J274	Central locking relay - locking
J275	Central locking relay - unlocking
J284	Anti-theft alarm system control unit, behind dash panel
T6c	6-pin connector, on lower part of left A-pillar
T6d	6-pin connector, on th lower right A pillar
T8	8-pin connector, anti-thef system control unit
T12	12-pin connector, anti-thef system control unit
T12a	12-pin connector, near anti-thef system control unit
U1	Cigarette lighter
W43	Rear interior light, luggage compartment
86	Earth connection -1-, in rear wiring harness
119	Earth connection -1-, in headlight wiring harness
S15	Connection (closed), in central locking wiring harness
S18	Connection -2- (open), in central locking wiring harness
S19	Connection -2- (closed), in central locking wiring harness
H20	Connection -1-, in diagnosis wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Anti–thef system control unit, anti–thef system warning lamp, anti–thef system horn

F120	Anti-theft alarm system contact switch
F160	Rear left door contact switch (rear)
H8	Anti-theft alarm system horn
J152	Warning buzzer for side light and radio
J284	Anti-theft alarm system control unit
K	Dash panel insert
K95	Anti-thef system warning lamp, in the door
T1	Single connector, behind relay plate
T1i	Single connector, on lower part of left A-pillar
T3	3-pin connector, left side panel
T3d	3-pin connector, behind relay plate
T6a	6-pin connector, left side panel
T8	8-pin connector, anti-thef system control unit
T12	12-pin connector, anti-thef system control unit
T12a	12-pin connector, near anti-thef system control unit
T28	28-pin connector, on dash panel insert
TV5	Terminal 15a junction box
W43	Rear interior light / luggage compartment
98	Earth connection, in tailgate/boot lid wiring harness
119	Earth connection -1-, in headlight wiring harness
R6	Positive (+) connection -1-, in interior light wiring harness
R9	Connection (door contact switch), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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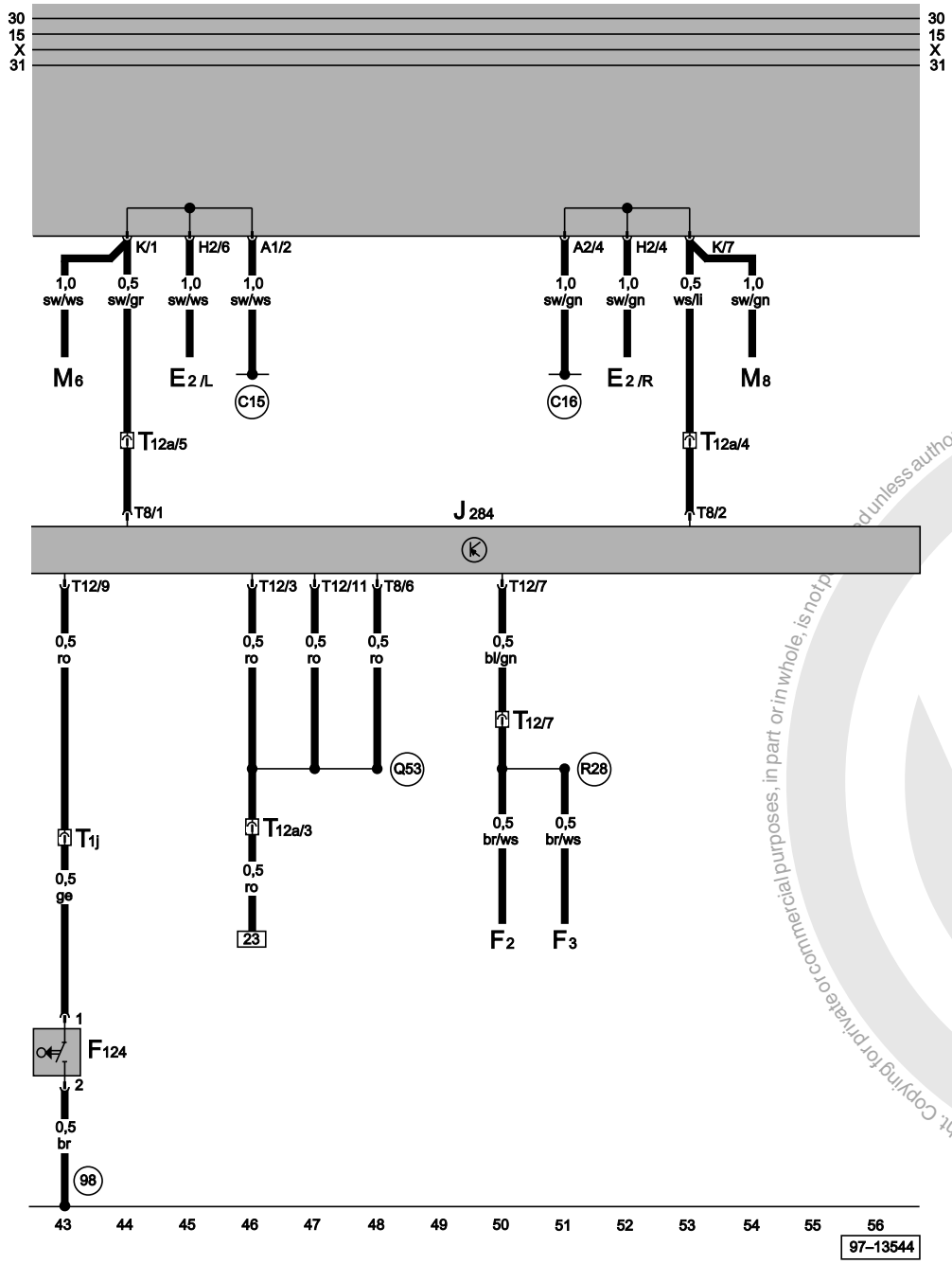

Anti–theft alarm system control unit

E2	Turn signal switch
F2	Door contact switch, front driver's side
F3	Door contact switch, front passenger's side
F124	Contact switch in lock cylinder for tailgate/boot lid anti-theft alarm system/central locking system
J17	Fuel pump relay
J284	Anti-theft alarm system control unit
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
T1j	Single connector, left side panel
T8	8-pin connector, anti-thef system control unit
T12	12-pin connector, anti-thef system control unit
T12a	12-pin connector, near anti-thef system control unit
98	Earth connection, in tailgate/bootlid wiring harness
C15	Connection -1-, in headlight wiring harness
C16	Connection -2-, in headlight wiring harness
Q53	Positive (+) connection (15), in anti-theft alarm system wiring harness
R28	Connection -2- (door contact switch), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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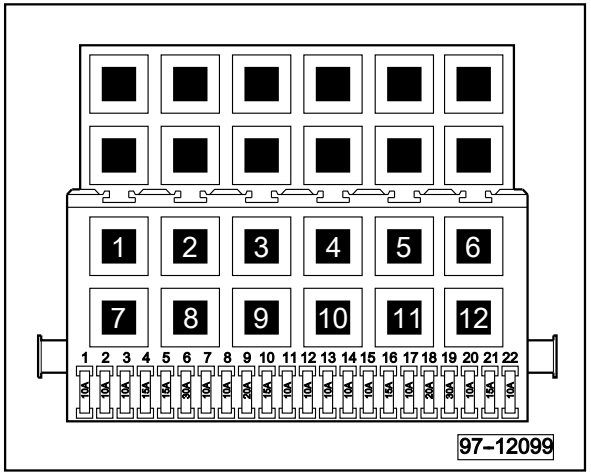
Trailer

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



6 - Trailer towing hazard warning lights relay (22)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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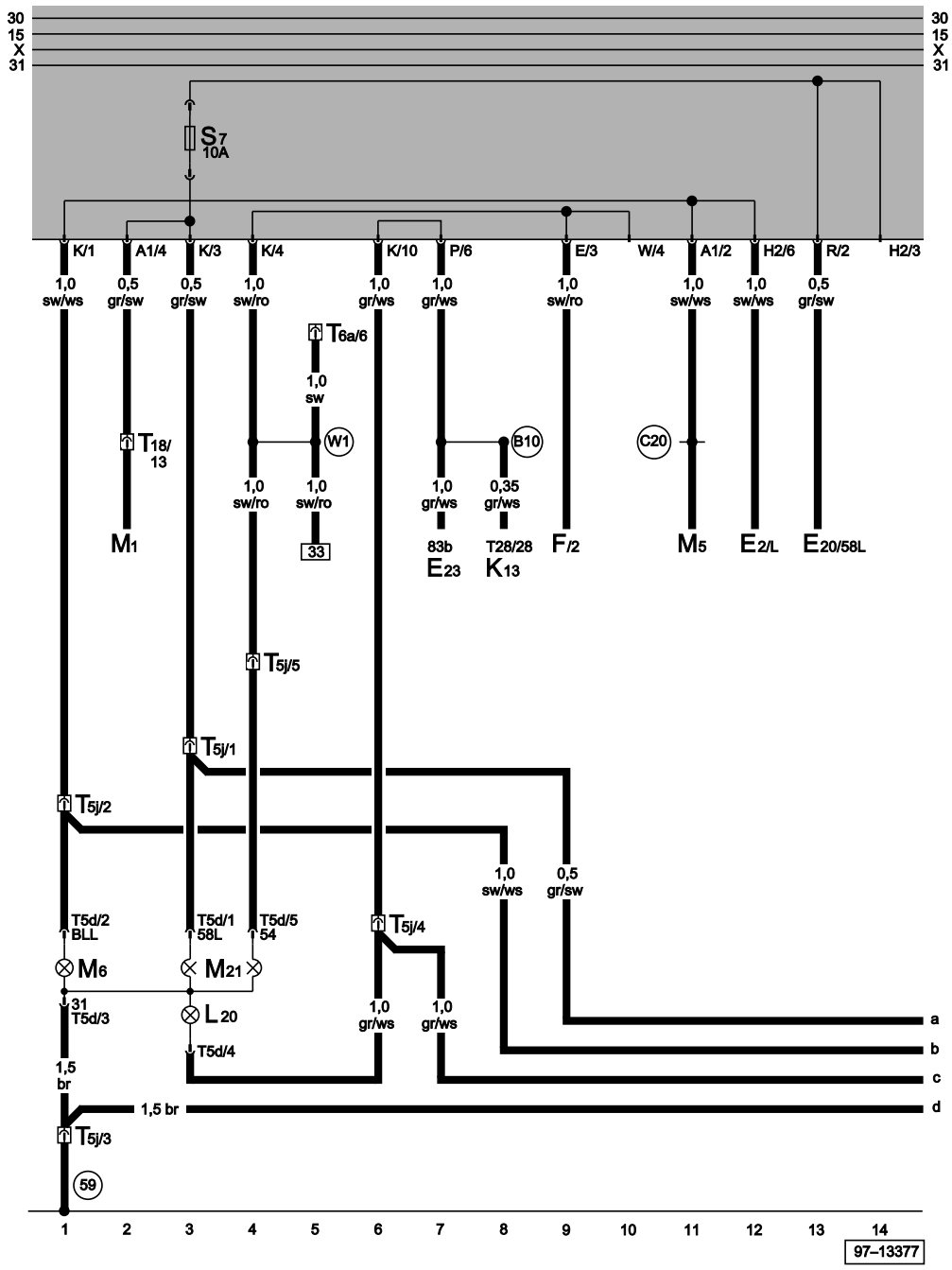

Left tail light

E2	Turn signal switch
E20	Lighting regulator - switches and instruments
E23	Front and rear fog light switch
F	Brake light switch
K13	Rear fog light warning lamp
L20	Rear fog light bulb
M1	Side light bulb, left
M5	Turn signal bulb, front left
M6	Turn signal bulb, rear left
M21	Brake and tail light bulb, left
T5d	5-pin connector, on tail light
T5j	5-pin connector, near left tail light
T6a	6-pin connector, near left tail light
T18	18-pin connector, near radiator left
T28	28-pin connector, on dash panel insert
59	Earth connection, near left tail light
B10	Positive (+) connection (30), in lighting switch wiring harness
C20	Connection (turn signal, left), in headlight wiring harness
W1	Positive (+) connection (54), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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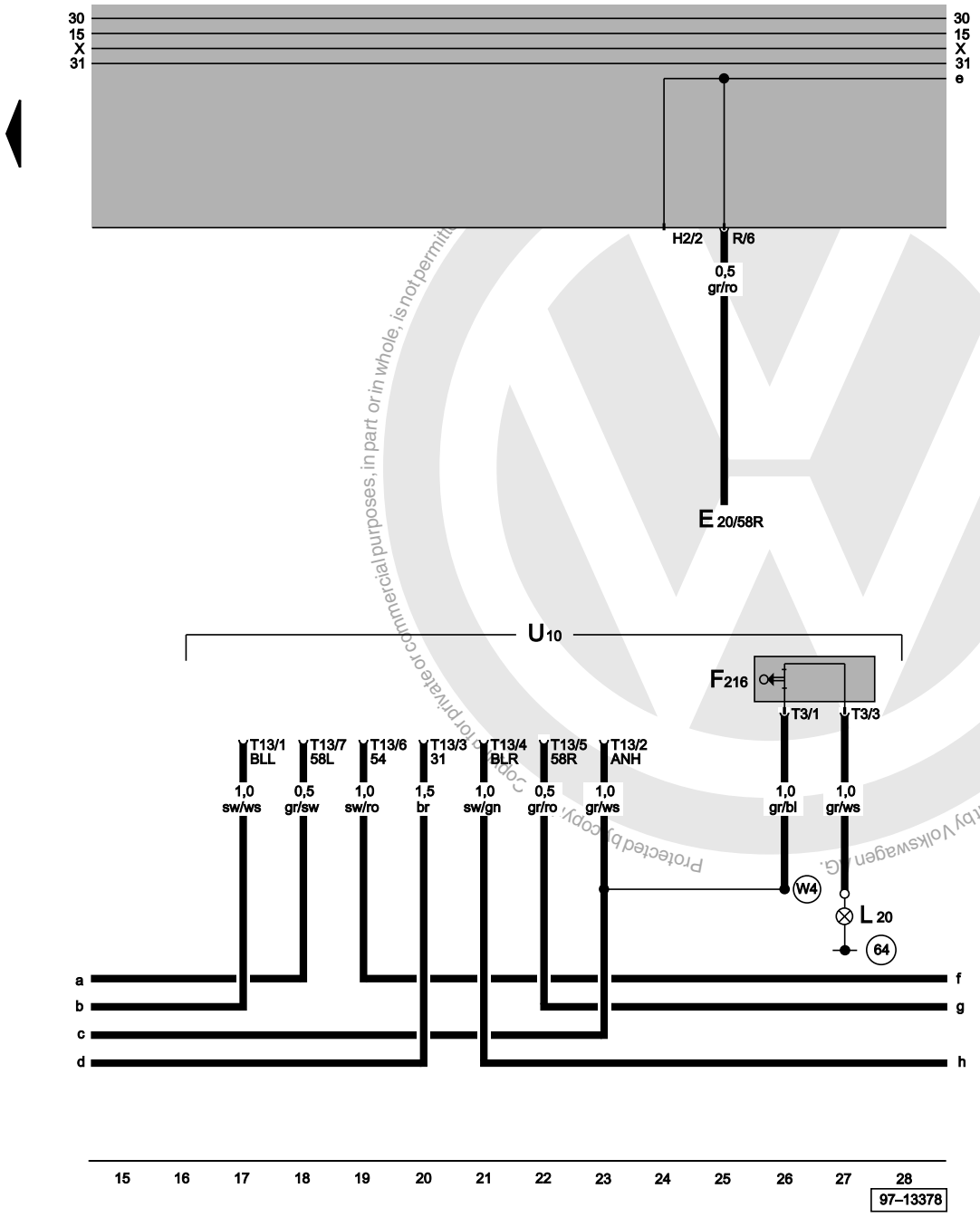

Trailer socket, rear fog light cut–out, contact switch

E20	Switches and instruments, lighting regulator
F216	Rear fog light cut-out, contact switch, socket
L20	Rear fog light bulb
T3	3-pin connector, rear fog light cut-out, contact switch
T13	13-pin connector
U10	Trailer socket
64	Earth point, right tail light bulb holder
W4	Connection (rear fog light), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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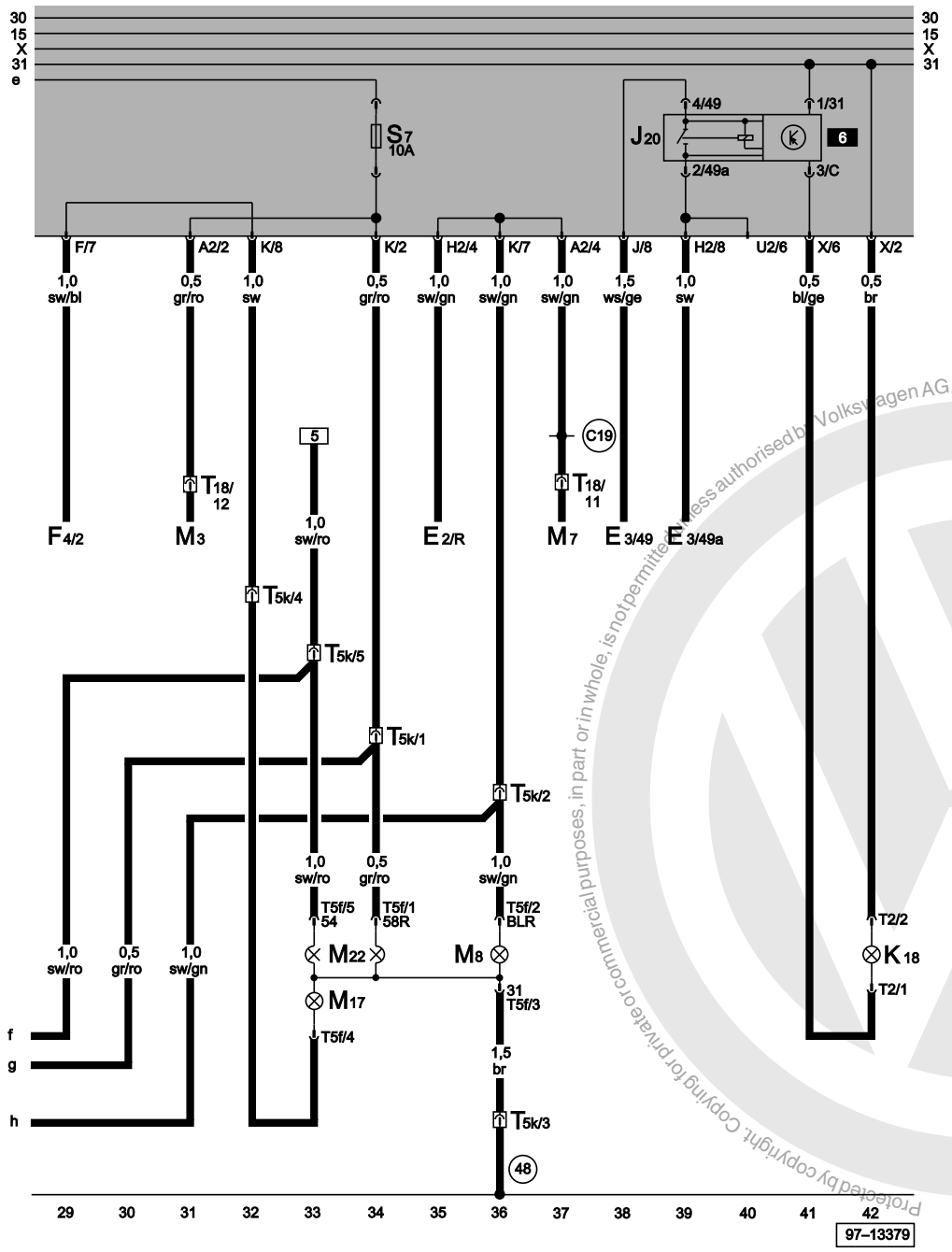

Right tail light

E2	Turn signal switch
E3	Hazard warning light switch
F4	Reversing light switch
J20	Hazard warning light relay, trailer operation
K18	Trailer operation warning lamp
M3	Side light bulb, right
M7	Turn signal bulb, front right
M8	Turn signal bulb, rear right
M17	Reversing light bulb, right
M22	Brake and tail light bulb, right
T5f	5-pin connector, on tail light
T5k	5-pin connector, near right tail light
T2	2-pin connector, behind dash panel, left
T18	18-pin connector, near radiator left
48	Earth point, right side, right
C19	Connection -1- (turn signal, right), in headlight wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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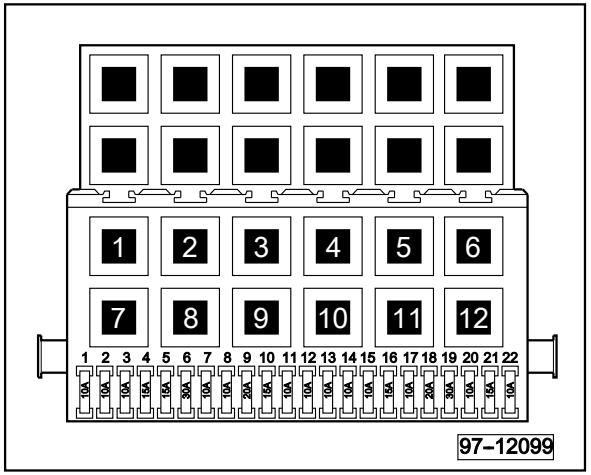
Front window lifter

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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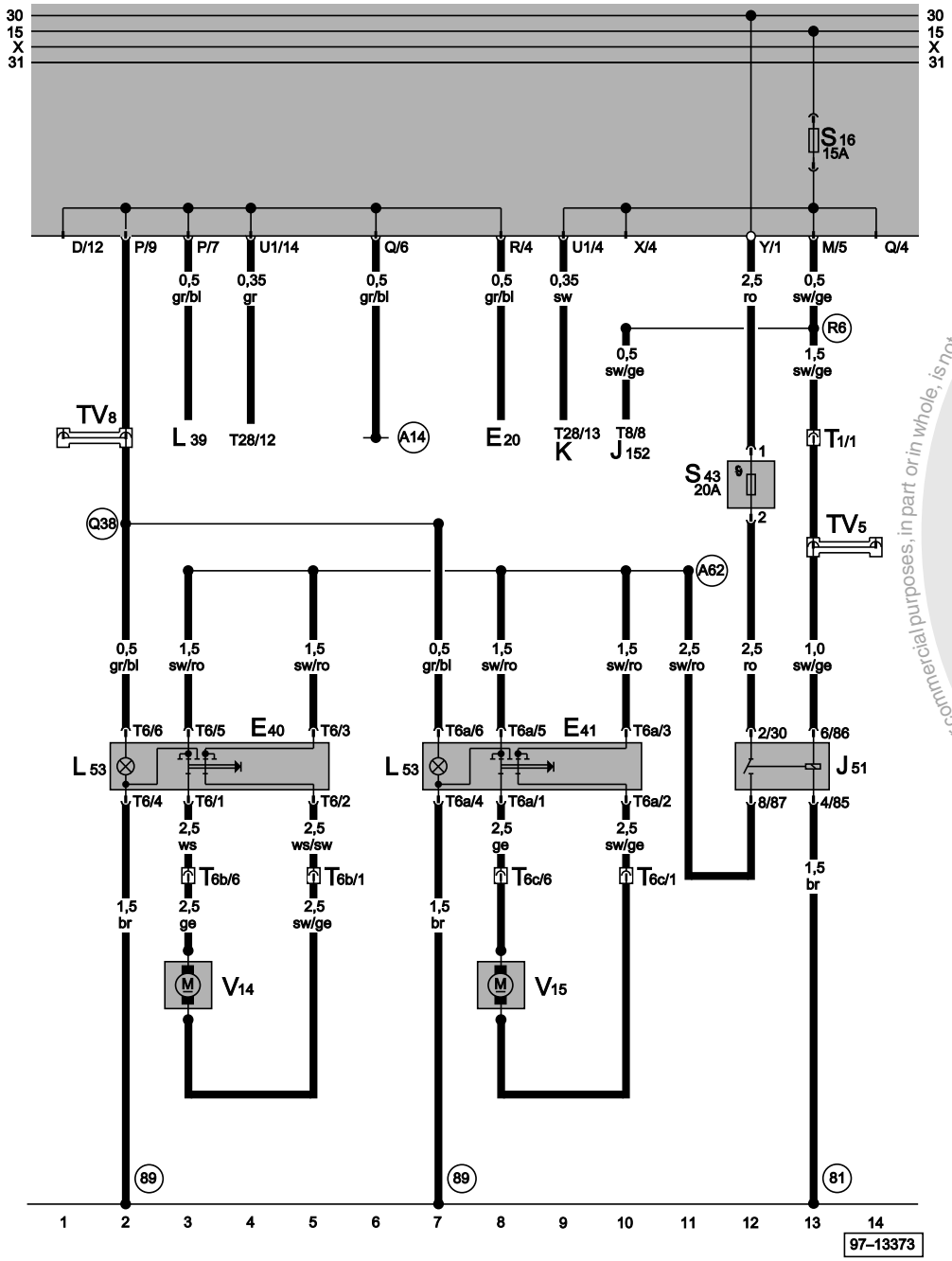

Front window lifter

E20	Switches and instruments, lighting control
E40	Front left electric window switch
E41	Front right electric window switch
J52	Close electric window relay
L39	Heated rear window switch bulb
L53	Window switch light bulb
S43	Window lifter thermo-fuse
T6	6-pin connector, window lifter switch, front left
T6a	6-pin connector, window lifter switch, front right
T6b	6-pin connector, on left lower A pillar
T6c	6-pin connector, on right lower A pillar
T28	28-pin connector, on dash panel insert
TV5	Terminal 15a junction box
TV8	Terminal 58b junction box
V14	Electric window motor, left
V15	Electric window motor, right
A14	Positive (+) connection (58b), in cigarette lighter wiring harness
81	Earth connection -1-, in dash panel wiring harness
89	Earth connection -1-, in electric window wiring harness
Q38	Positive (+) connection (58b) -1-, in electric window wiring harness
R6	Positive (+) connection -1-, in interior light/door contact switch wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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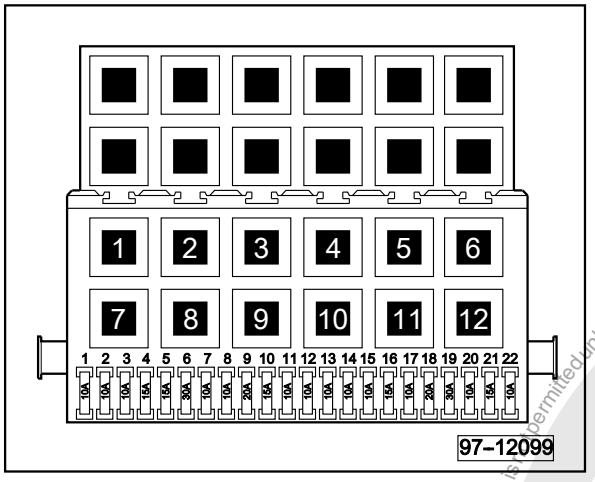
Air conditioner

⇒ **1.6 l/55 kW- Mono Motronic, engine codes 1F**

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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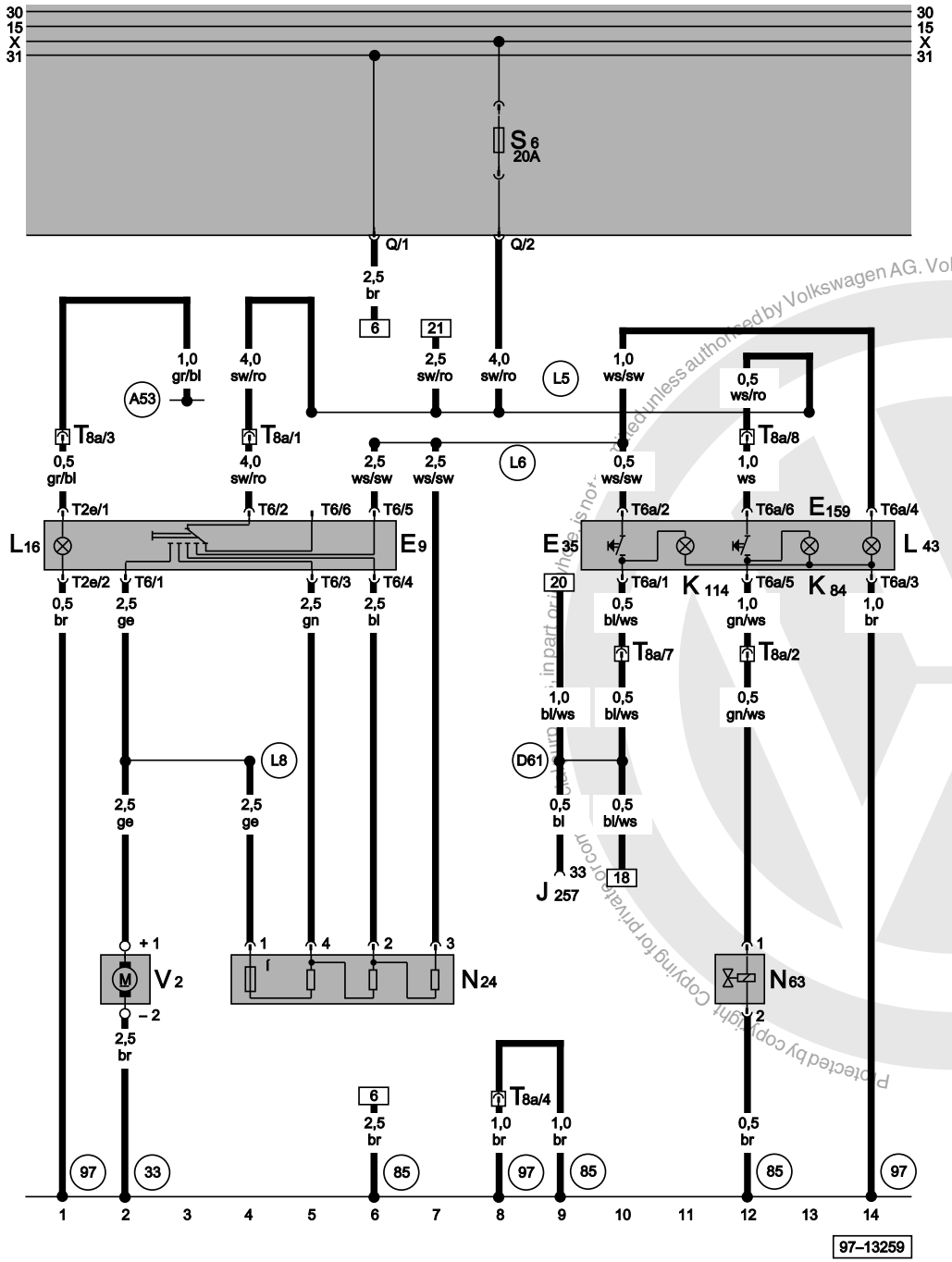

Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
J257	Mono-Motronic control unit
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector, on fresh air blower switch
T6	6-pin connector, on fresh air blower switch
T6a	6-pin connector, on air conditioner switch
T8a	8-pin connector, behind console, left
V2	Fresh air blower
33	Earth point, behind dash panel, right
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A53	Positive (+) connection (58b), in dash panel wiring harness
D61	Connection (air conditioner), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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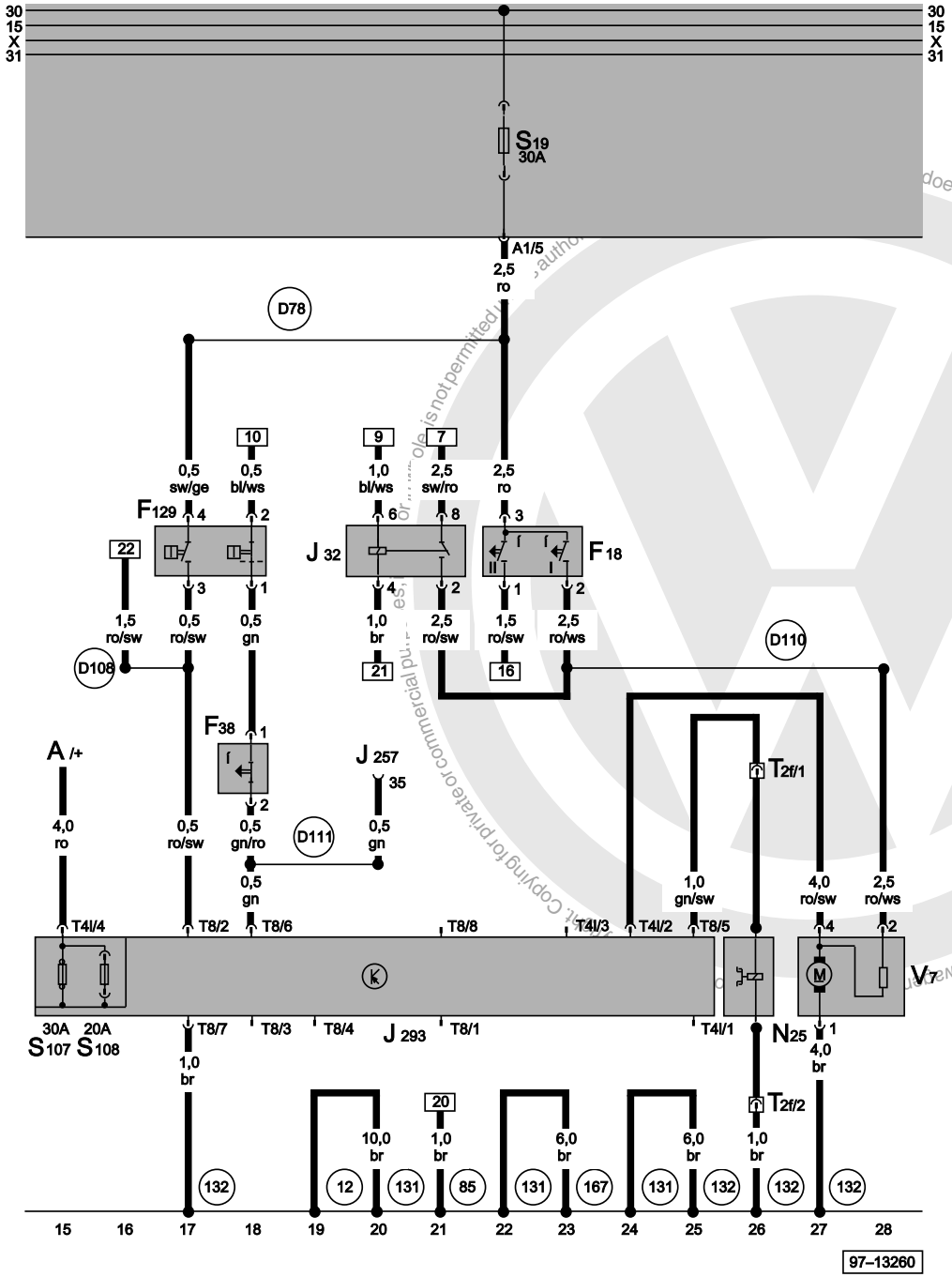

Air conditioner pressure switch, radiator fan thermo–switch, radiator fan control unit, air conditioning system magnetic coupling, radiator fan, relay for air conditioner

A	Battery
F18	Radiator fan thermo-switch
F38	Ambient temperature switch
F129	Air conditioner pressure switch
J32	Relay for air conditioner
J257	Mono-Motronic control unit
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
S107	Radiator fan fuse, 2nd speed
S108	Radiator fan fuse, 1st speed and magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T8	8-pin connector, on radiator fan control unit
V7	Radiator fan
12	Earth point, in engine compartment, left
131	Earth connection -2-, in engine compartment wiring harness
132	Earth connection -3-, in engine compartment wiring harness
167	Earth connection -4-, in engine compartment wiring harness
D78	Positive (+) connection -1- (30a), in engine compartment wiring harness
D108	Connection -6-, in engine compartment wiring harness
D110	Connection -8-, in engine compartment wiring harness
D114	Connection -9-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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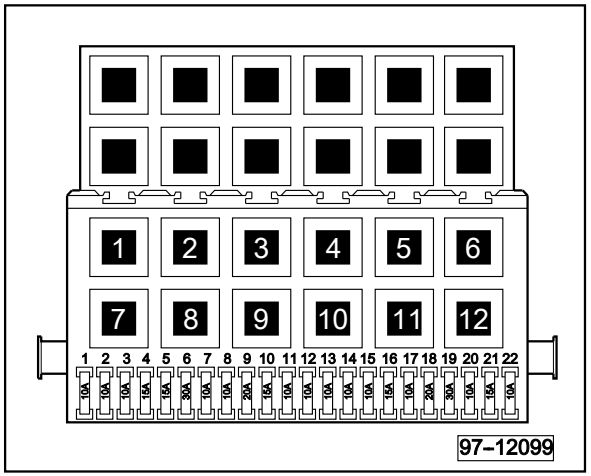
Air conditioner

⇒ **1.6 l Simos/74 kW, engine codes AFT**

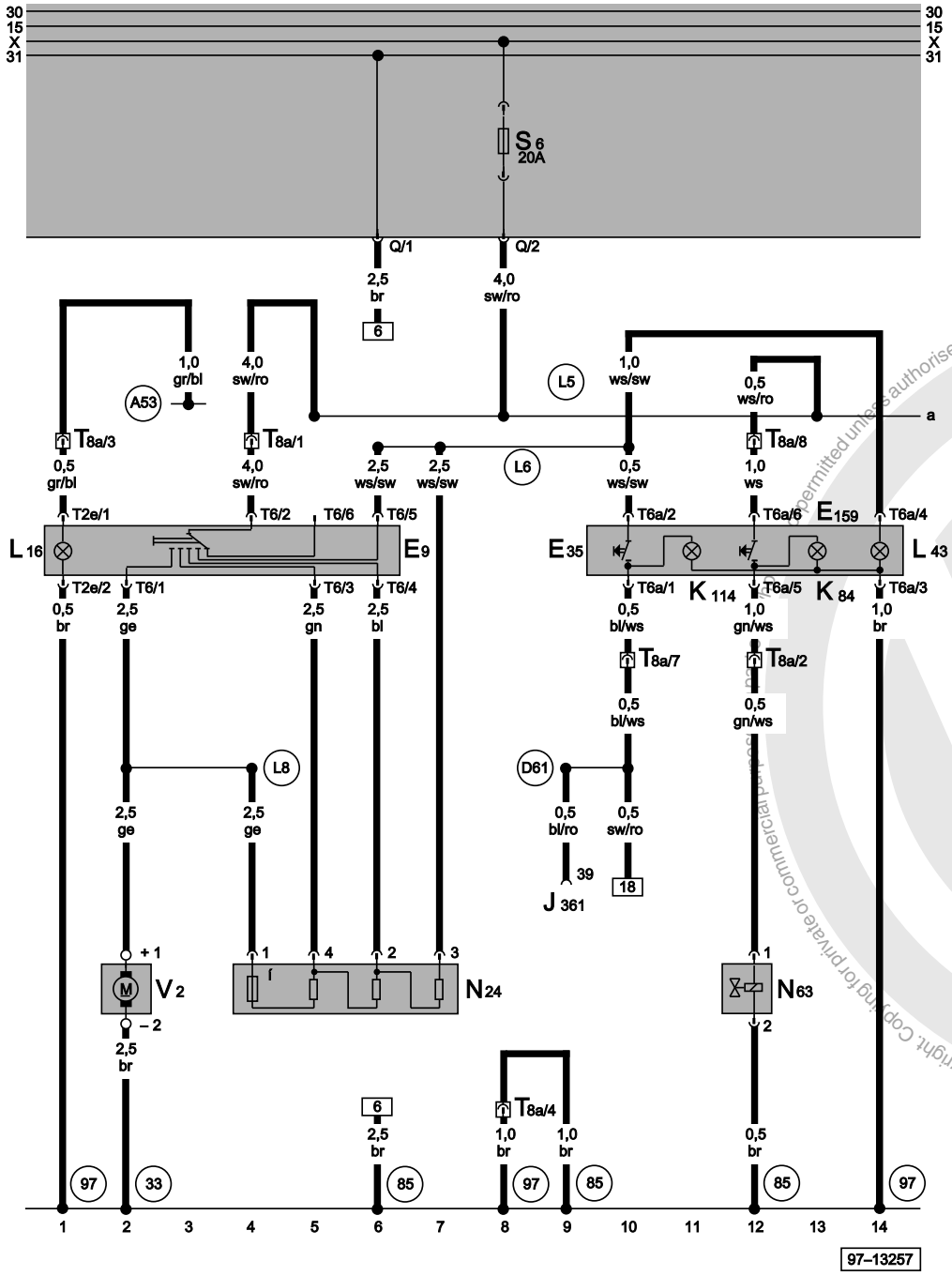
From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple



Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
J361	Simos control unit
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector, on fresh air blower switch
T6	6-pin connector, on fresh air blower switch
T6a	6-pin connector, on air conditioner switch
T8a	8-pin connector, behind console, left
V2	Fresh air blower
33	Earth point, behind dash panel, right
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A53	Positive (+) connection (58b), in dash panel wiring harness
D61	Connection (air conditioner), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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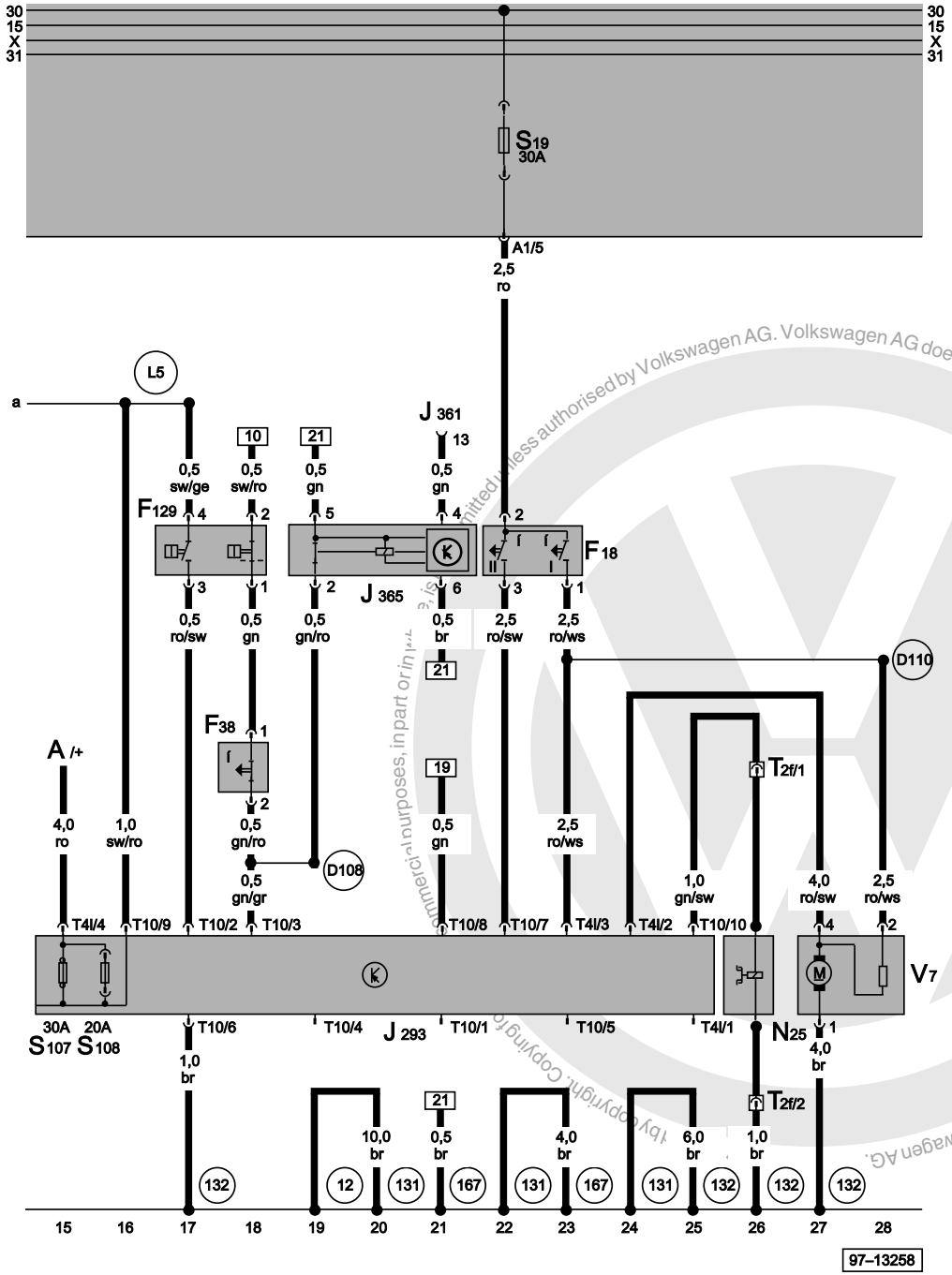

Air conditioner pressure switch, radiator fan thermo–switch, radiator fan control unit, air conditioning system magnetic coupling, radiator fan, air conditioning system switch–off relay

A	Battery
F18	Radiator fan thermo-switch
F38	Ambient temperature switch
F129	Air conditioner pressure switch
J293	Radiator fan control unit, in engine compartment, left
J361	Simos control unit
J365	Relay for air conditioner shut-off
N25	Air conditioner magnetic coupling
S107	Radiator fan fuse, 2nd speed
S108	Radiator fan fuse, 1st speed and magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
V7	Radiator fan
12	Earth point, in engine compartment, left
131	Earth connection -2-, in engine compartment wiring harness
132	Earth connection -3-, in engine compartment wiring harness
167	Earth connection -4-, in engine compartment wiring harness
D108	Connection -6-, in engine compartment wiring harness
D110	Connection -8-, in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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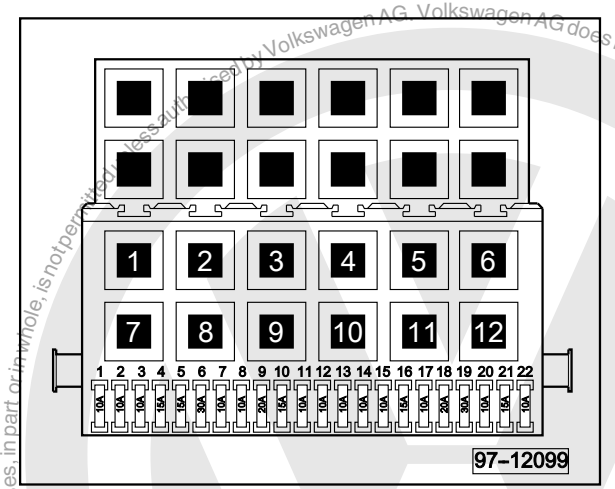
Air conditioner

⇒ **1.9 l/47 kW diesel engine, engine codes 1Y**

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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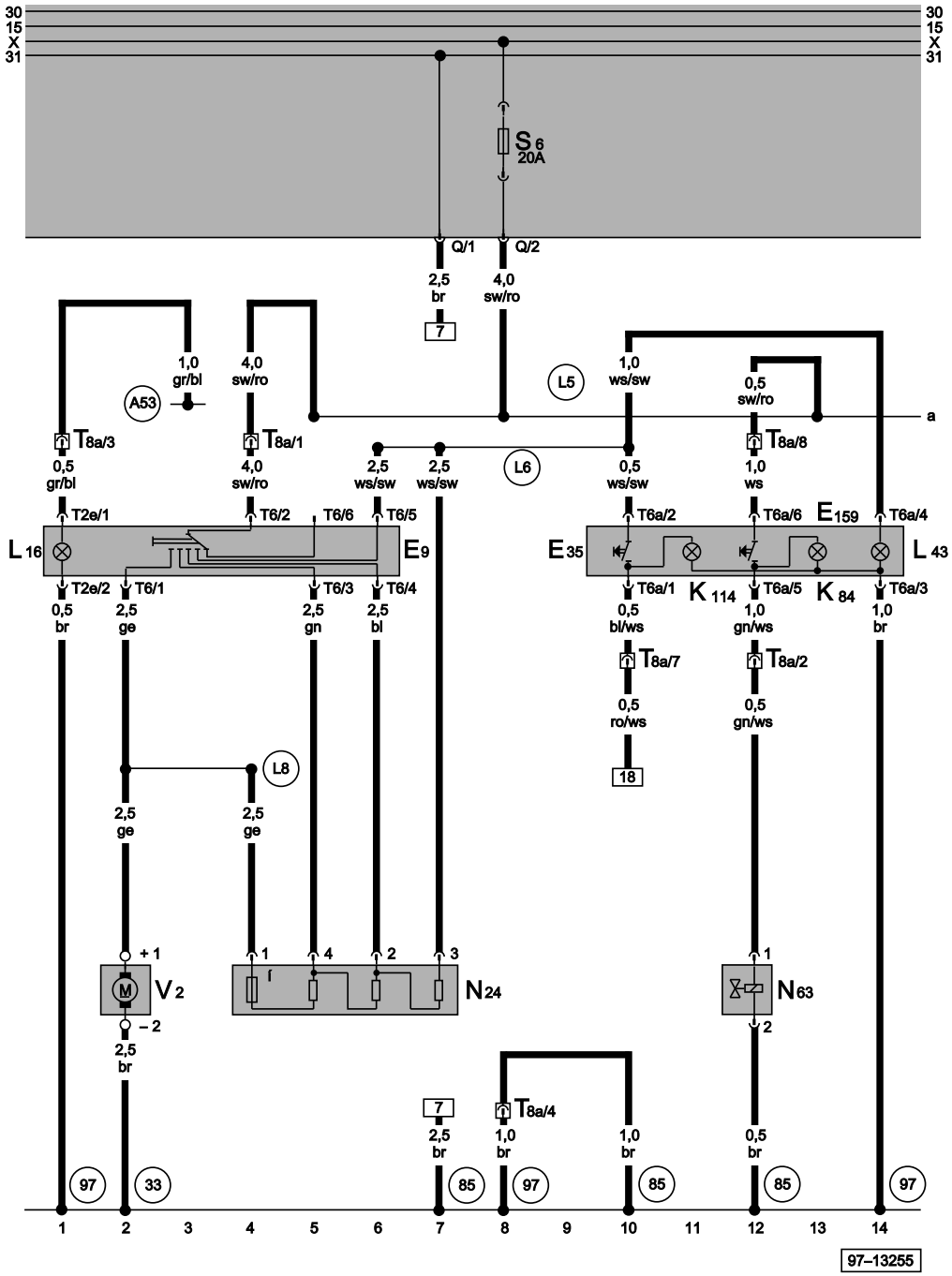

Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector, on fresh air blower switch
T6	6-pin connector, on fresh air blower switch
T6a	6-pin connector, on air conditioner switch
T8a	8-pin connector, behind console, left
V2	Fresh air blower
33	Earth point, behind dash panel, right
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A53	Positive (+) connection (58b), in dash panel wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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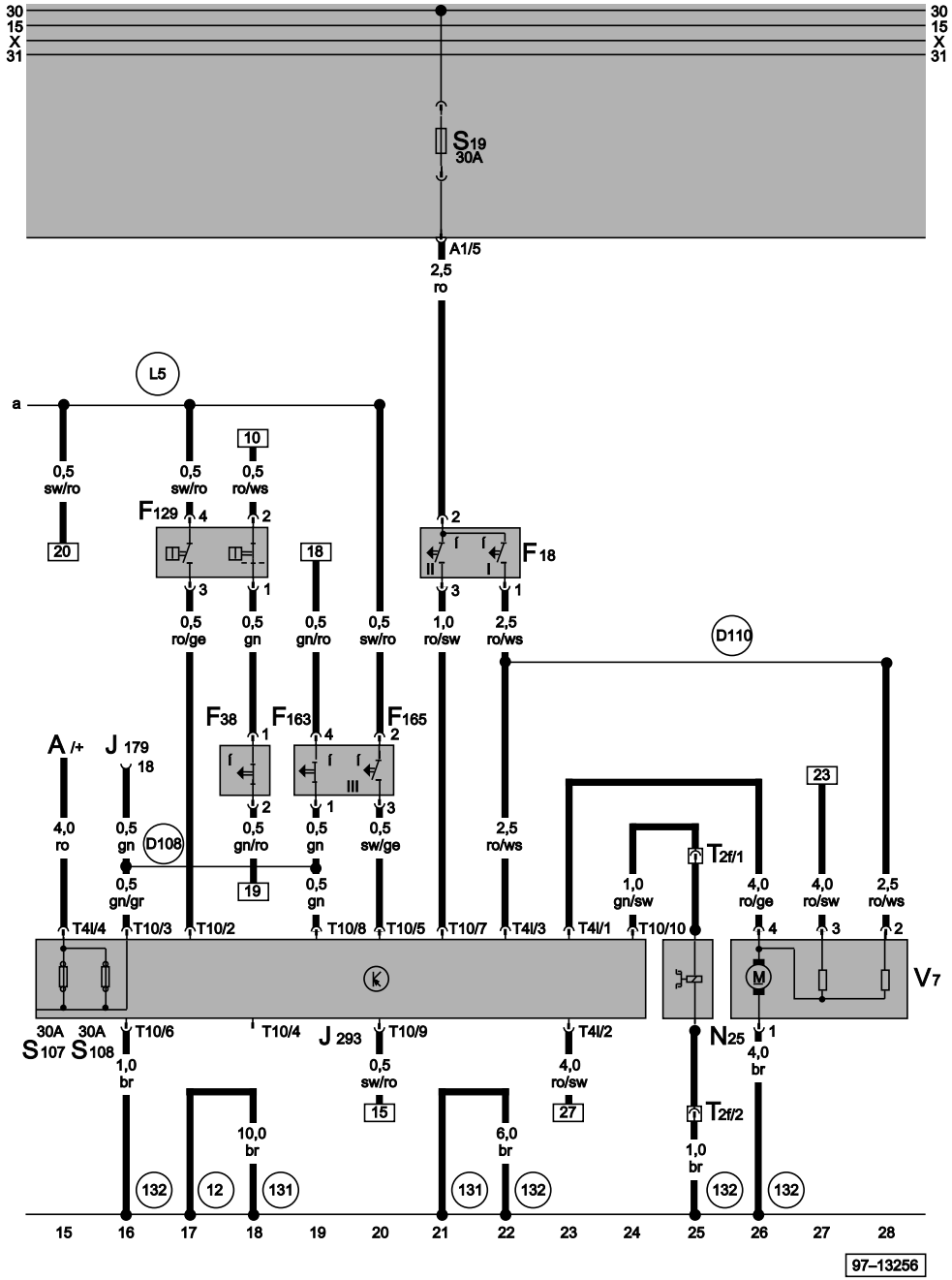

Air conditioner pressure switch, radiator fan thermo–switch, radiator fan control unit, air conditioner system magnetic coupling, radiator fan

A	Battery
F18	Radiator fan thermo-switch
F38	Ambient temperature switch
F129	Air conditioner pressure switch
F163	Air conditioner shut-off thermo-switch
F165	Radiator fan thermo-switch, third speed
J179	Automatic glow period control unit
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
S107	Radiator fan fuse, 2nd speed and 3rd speeds
S108	Radiator fan fuse, 1st speed and magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
V7	Radiator fan
12	Earth point, in engine compartment, left
131	Earth connection -2-, in engine compartment wiring harness
132	Earth connection -3-, in engine compartment wiring harness
D108	Connection -6-, in engine compartment wiring harness
D110	Connection -8-, in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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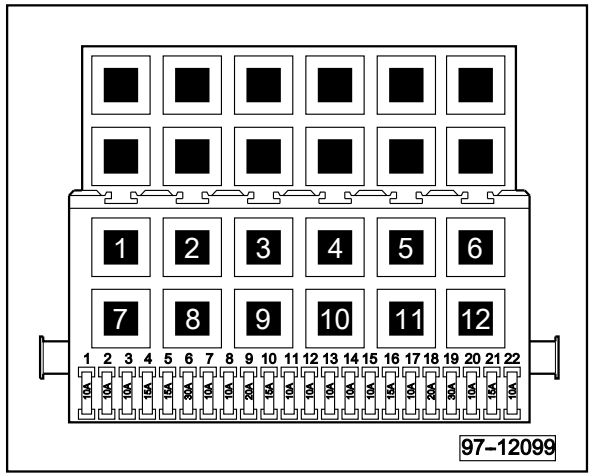
Air conditioner

⇒ **1.9 l/47 kW cat diesel engine, engine code AEY**

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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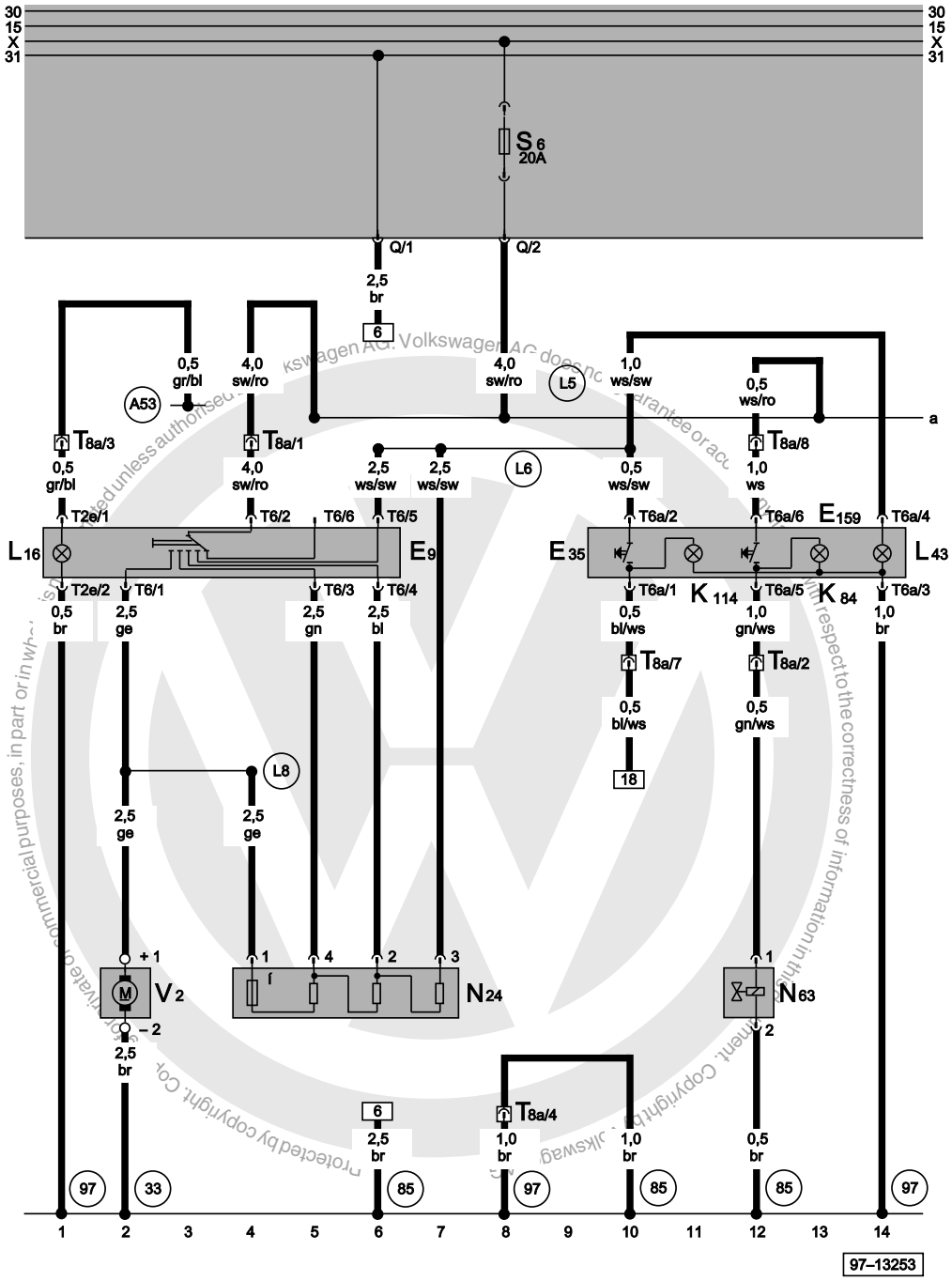
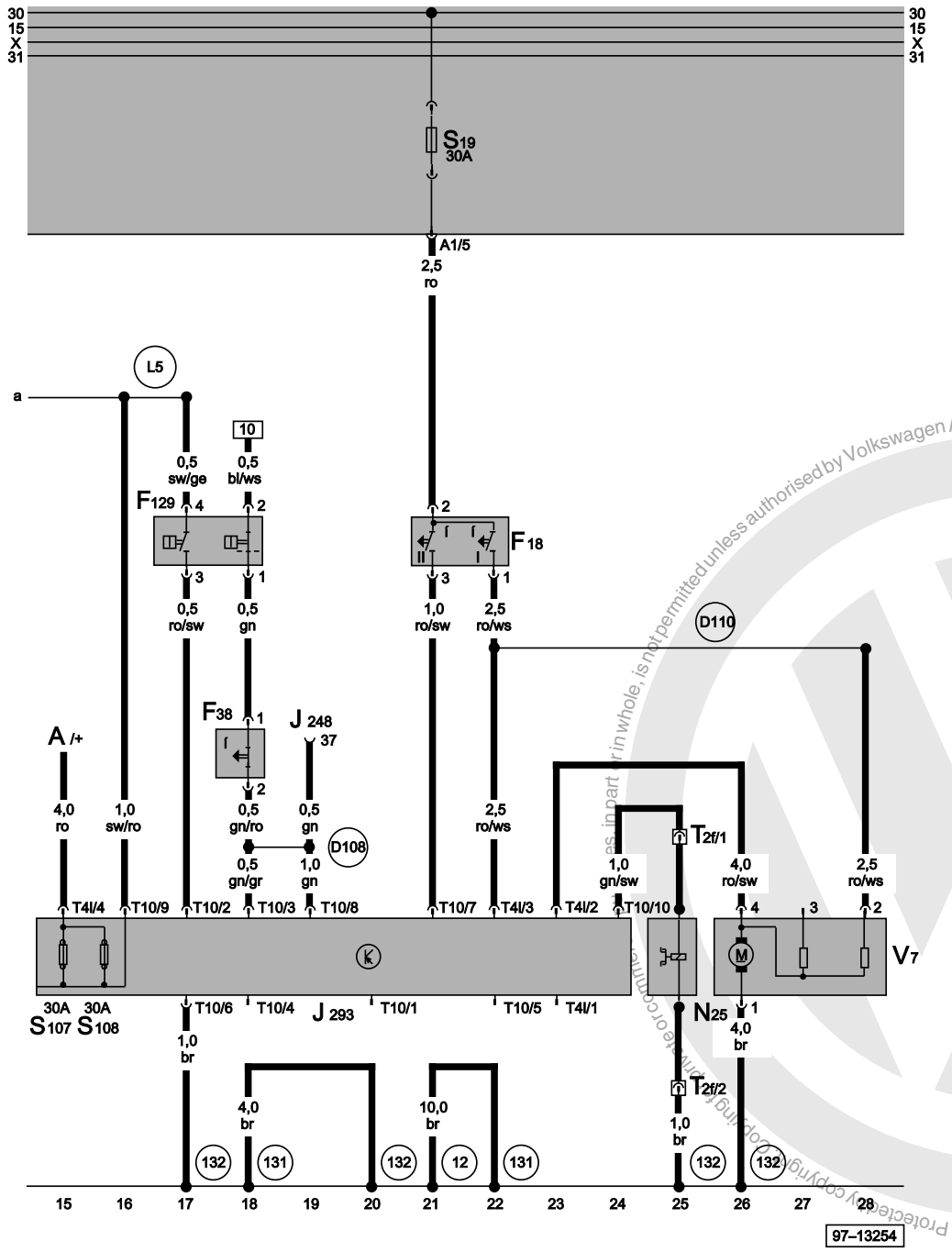


Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector, on fresh air blower switch
T6	6-pin connector, on fresh air blower switch
T6a	6-pin connector, on air conditioner switch
T8a	8-pin connector, behind console, left
V2	Fresh air blower
33	Earth point, behind dash panel, right
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A53	Positive (+) connection (58b), in dash panel wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Air conditioner pressure switch, radiator fan thermo–switch, radiator fan control unit, air conditioner system magnetic coupling, radiator fan

A	Battery
F18	Radiator fan thermo-switch
F38	Ambient temperature switch
F129	Air conditioner pressure switch
J248	Diesel direct injection system control unit
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
S107	Radiator fan fuse, 2nd speed and 3rd speeds
S108	Radiator fan fuse, 1st speed and magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
V7	Radiator fan
12	Earth point, in engine compartment, left
131	Earth connection -2-, in engine compartment wiring harness
132	Earth connection -3-, in engine compartment wiring harness
D108	Connection -6-, in engine compartment wiring harness
D110	Connection -8-, in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness

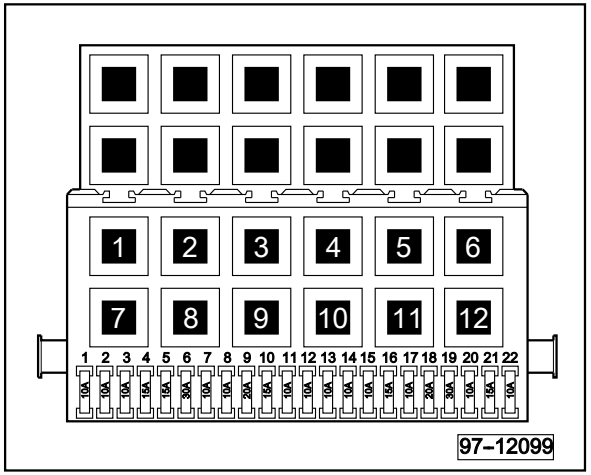
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica

Seat heating

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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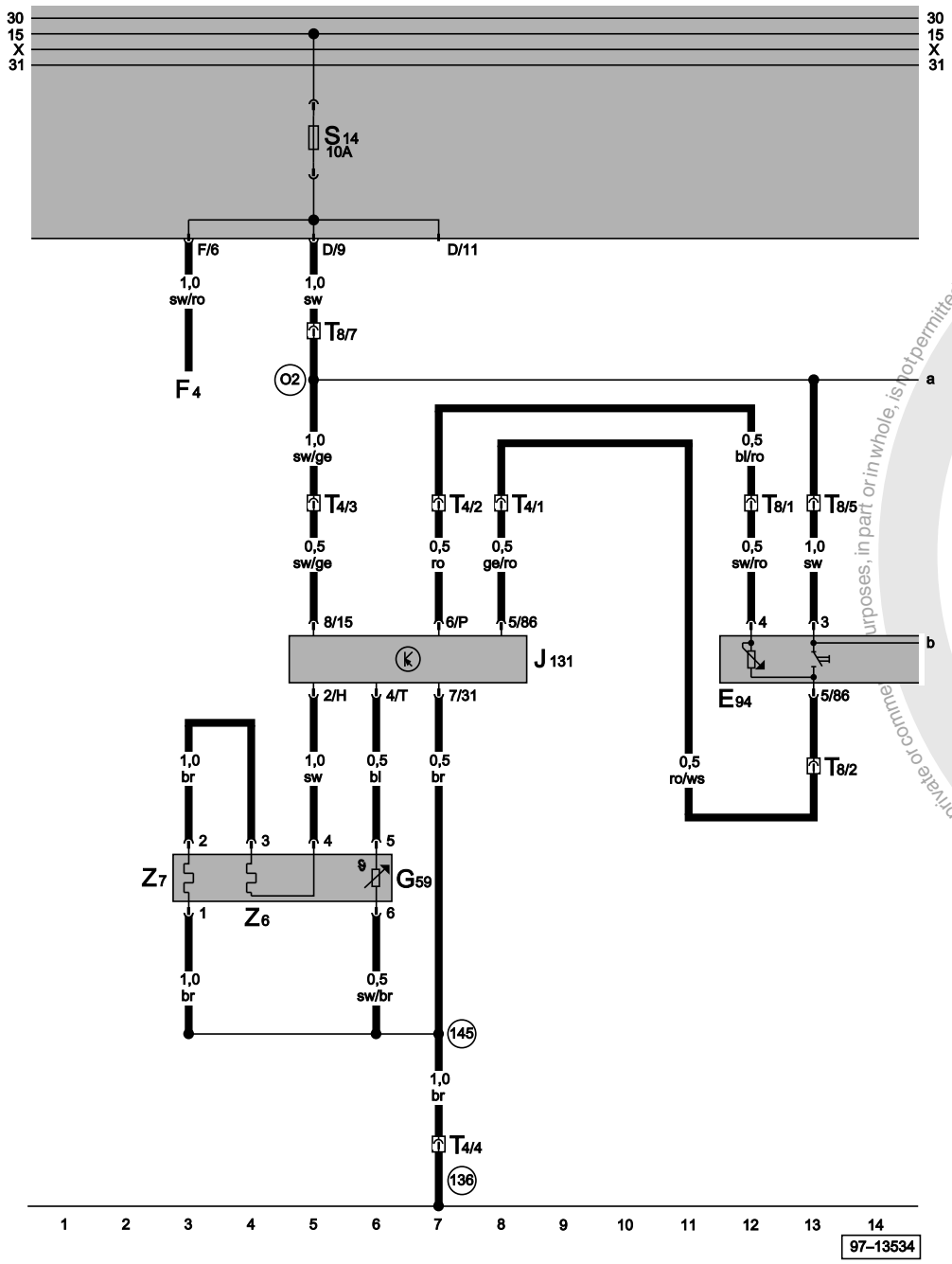

Heated driver's seat

E94	Heated driver's seat adjuster
F4	Reversing light switch
G59	Driver's seat temperature sensor
J131	Heated driver seat control unit, under driver's seat
T4	4-pin connector, under driver's seat
T8	8-pin connector, behind relay plate
Z6	Heated driver's seat
Z7	Heated driver's seat backrest
136	Earth connection -2-, in seat heating wiring harness
145	Earth connection -3-, in seat heating wiring harness
O2	Positive (+) connection (15), in seat heating wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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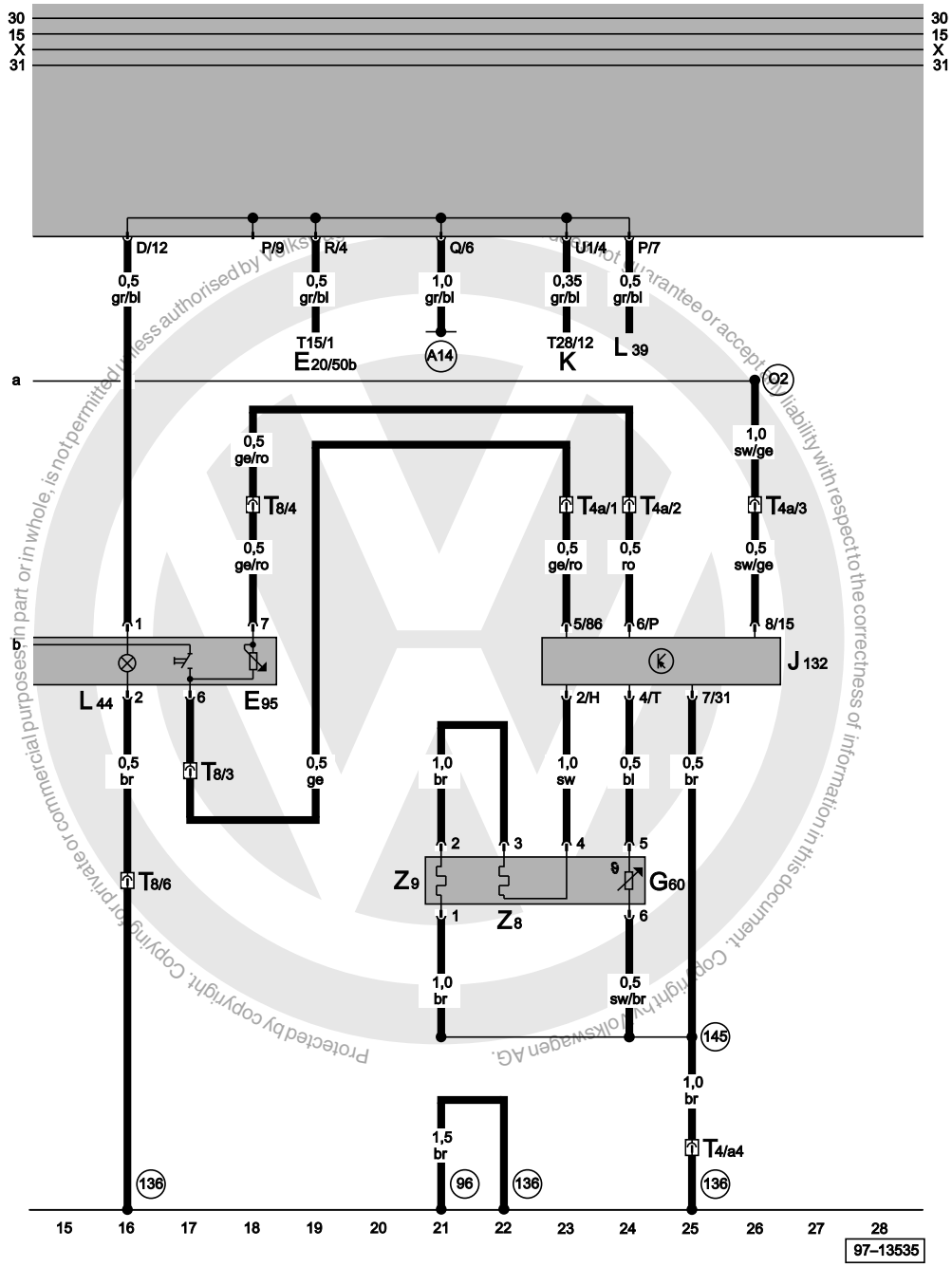

Heated front passenger's side

E20	Switches and instruments, lighting control
E95	Heated front passenger's seat adjuster
G60	Passenger's seat temperature sensor
J132	Heated front passenger's seat control unit, under front passenger's seat
K	Dash panel insert
L39	Heated rear window switch bulb
L44	Seat heating switch light bulb
T4a	4-pin connector, under front passenger's seat
T8	8-pin connector, behind relay plate
T15	15-pin connector, on lighting switch
T28	28-pin connector, on dash panel insert
Z8	Heated front passenger's seat
Z9	Heated front passenger's seat backrest
96	Earth connection -1-, in seat heating wiring harness
136	Earth connection -2-, in seat heating wiring harness
261	Earth connection -4-, in seat heating wiring harness
A14	Positive (+) connection (58b), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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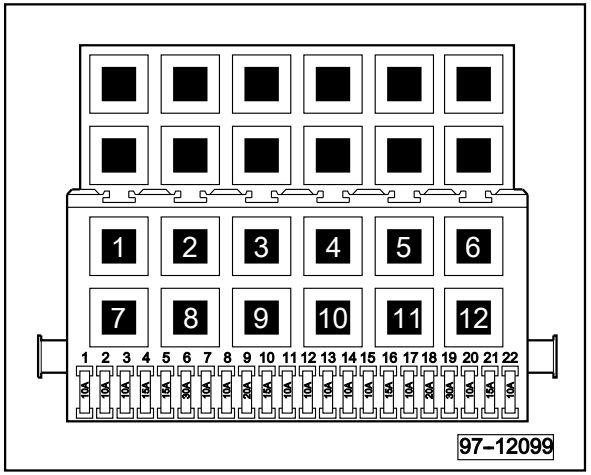
Airbag

From November 1995

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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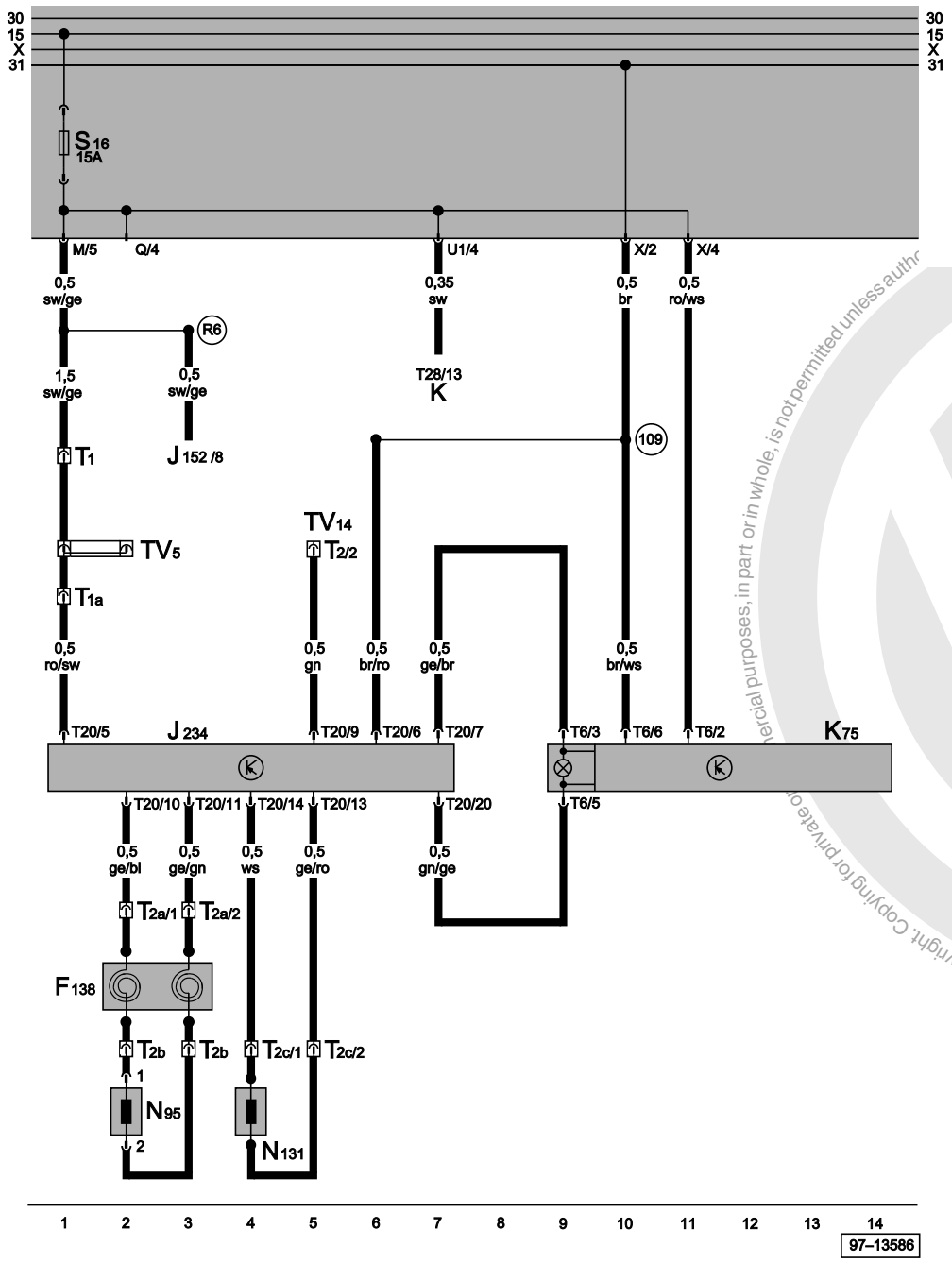

Airbag control unit, airbag warning lamp, airbag igniter, airbag coil connector

F138	Airbag coil connector, return spring with slip ring
J152	Warning buzzer for side light and radio, above the relay plate
J234	Airbag control unit, under console
K	Dash panel insert
K75	Airbag warning lamp
N95	Airbag igniter, driver's side
N131	Airbag igniter, front passenger's side
T1	Single connector, behind relay plate
T1a	Single connector, behind relay plate
T2	2-pin connector, terminal for self-diagnosis, behind the relay plate
T2a	2-pin connector, behind steering column switch trim
T2b	2-pin connector, in steering wheel
T2c	2-pin connector, behind dash panel, right
T6	6-pin connector, airbag warning lamp
T20	20-pin connector, airbag control unit
T28	28-pin connector, on dash panel insert
TV5	Terminal 15a junction box, above the relay plate
TV14	Terminal for self-diagnosis, behind the relay plate
109	Earth connection, in airbag wiring harness
R6	Positive (+) connection -1-, in interior light wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fog lights

From December 1995

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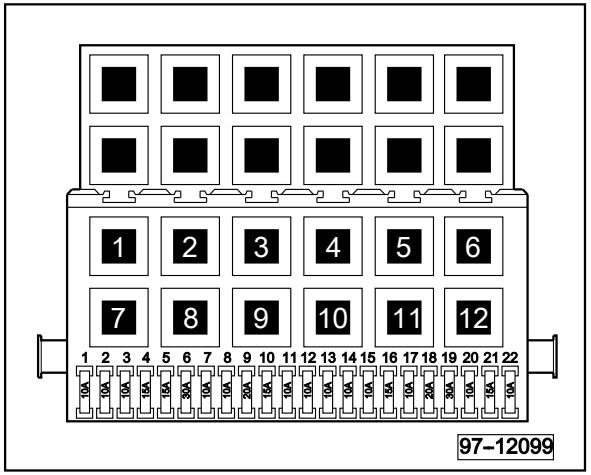

6 - Hazard warning light relay (21)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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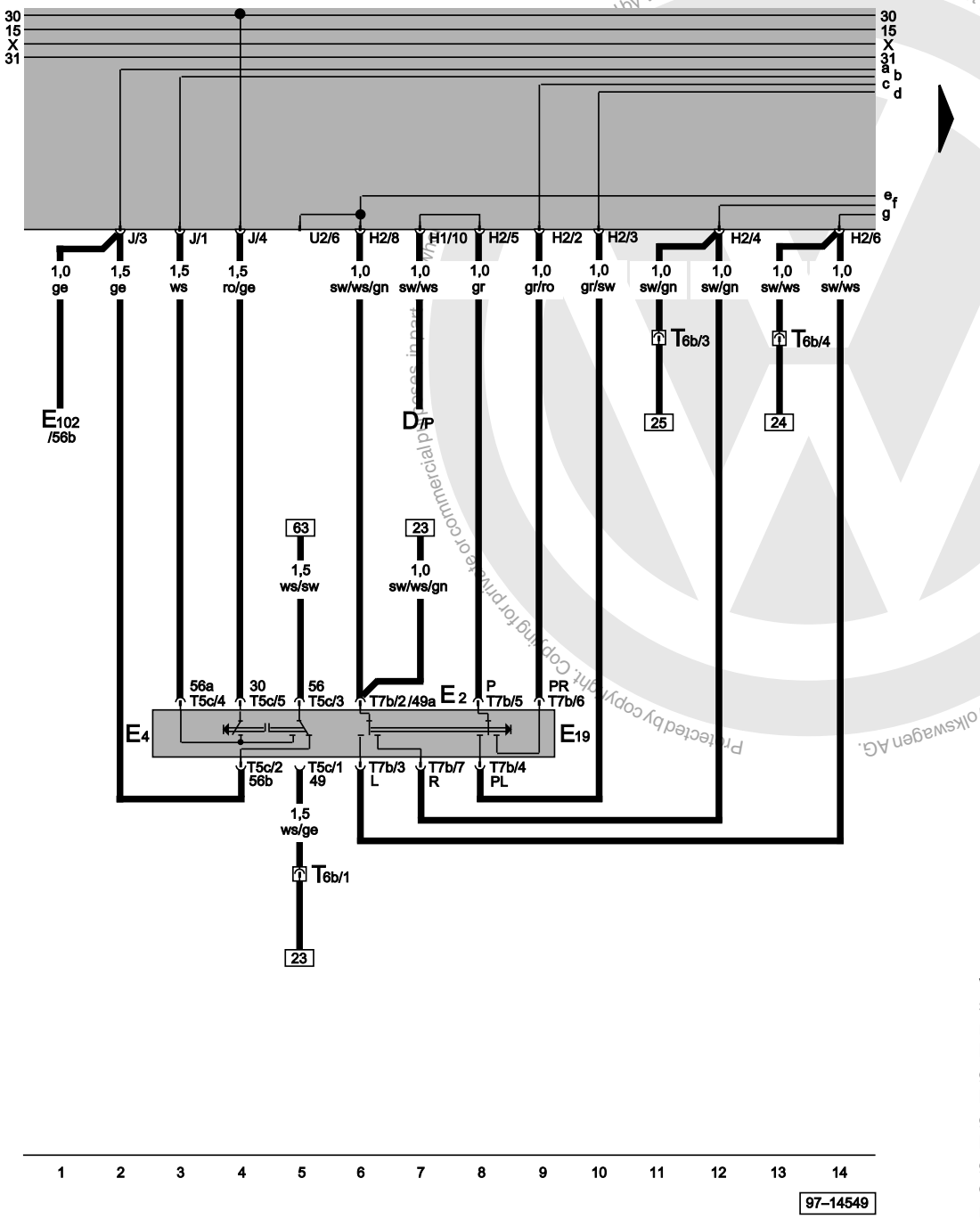

Headlight dipper/flasher switch, turn signal switch, parking light switch

D	Ignition/starter switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E102	Headlight range control adjuster
T5c	5-pin connector, behind steering column switch trim
T6b	6-pin connector, behind dash panel
T7b	7-pin connector, behind steering column switch trim

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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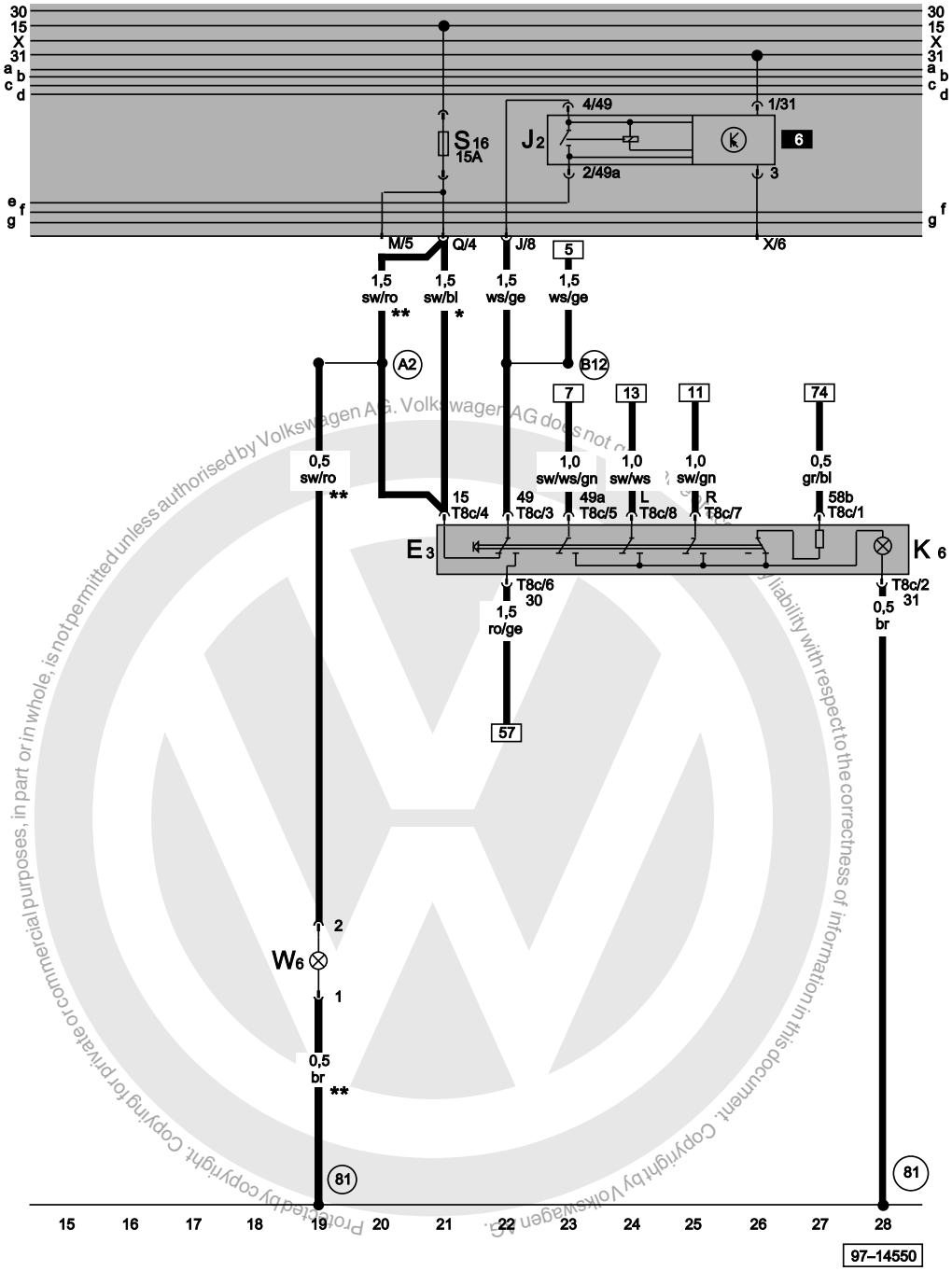

Hazard warning lights, glove box light

E3	Hazard warning light switch
J2	Hazard warning light relay
K6	Hazard warning light system warning lamp
T8c	8-pin connector, on hazard warning light switch
W6	Glove box light
81	Earth connection -1-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
B12	Connection (49), in steering column switch wiring harness
*	without cigarette lighter
**	with cigarette lighter

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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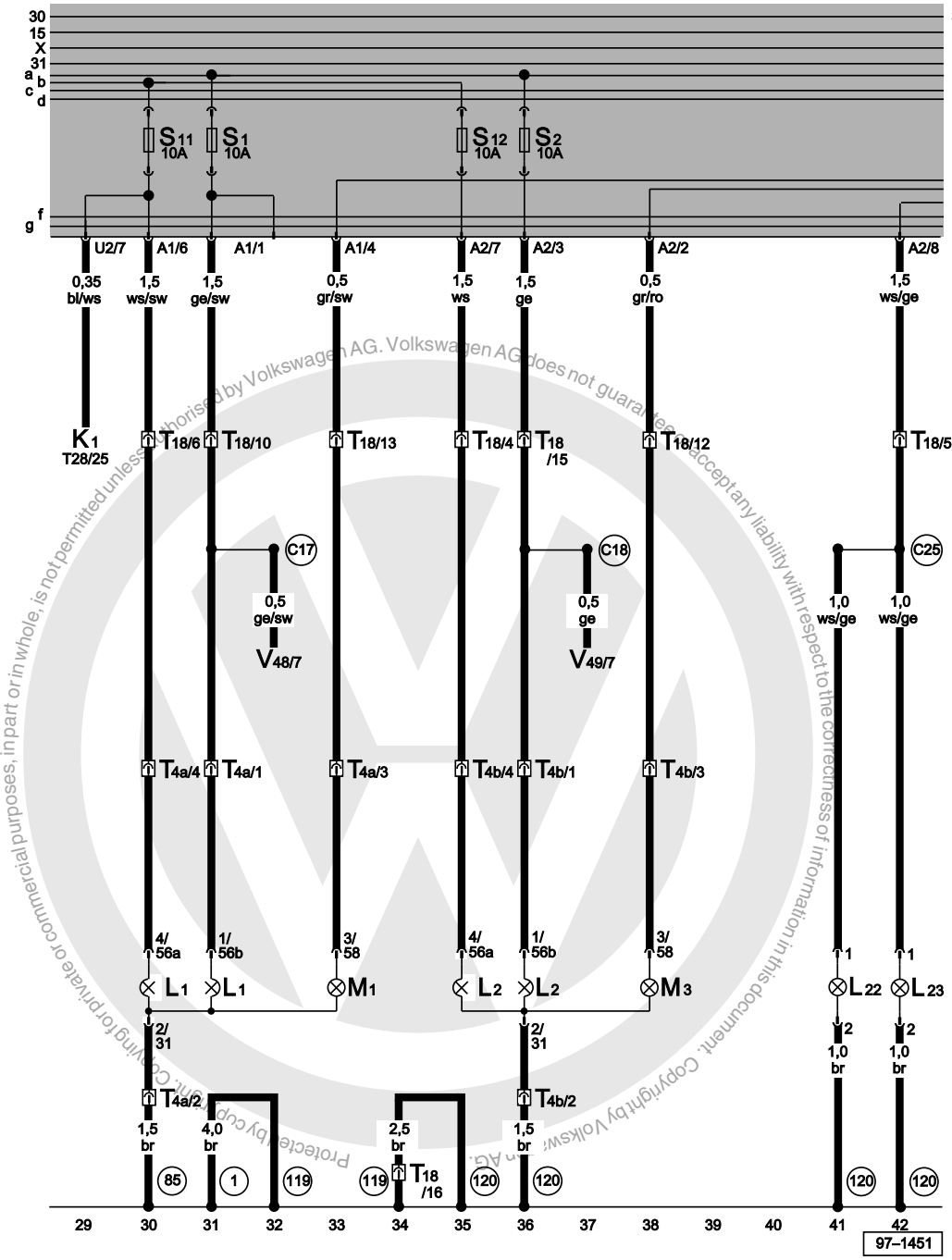

Headlight, side light, front fog lights

K1	Main beam warning lamp
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L22	Fog light bulb, left
L23	Fog light bulb, right
M1	Side light bulb, left
M3	Side light bulb, right
T4a	4-pin connector, near headlight, left
T4b	4-pin connector, near headlight, right
T18	18-pin connector, near radiator left
T28	28-pin connector, on dash panel insert
V48	Headlight range control motor, left
V49	Headlight range control motor, right
1	Earth strap, battery - body
85	Earth connection -1-, in engine compartment wiring harness
119	Earth connection -1-, in headlight wiring harness
120	Earth connection -2-, in headlight wiring harness
C17	Connection (56b) -1-, in front lighting wiring harness
C18	Connection (56b) -2-, in front lighting wiring harness
C25	Connection (fog light), in front lighting wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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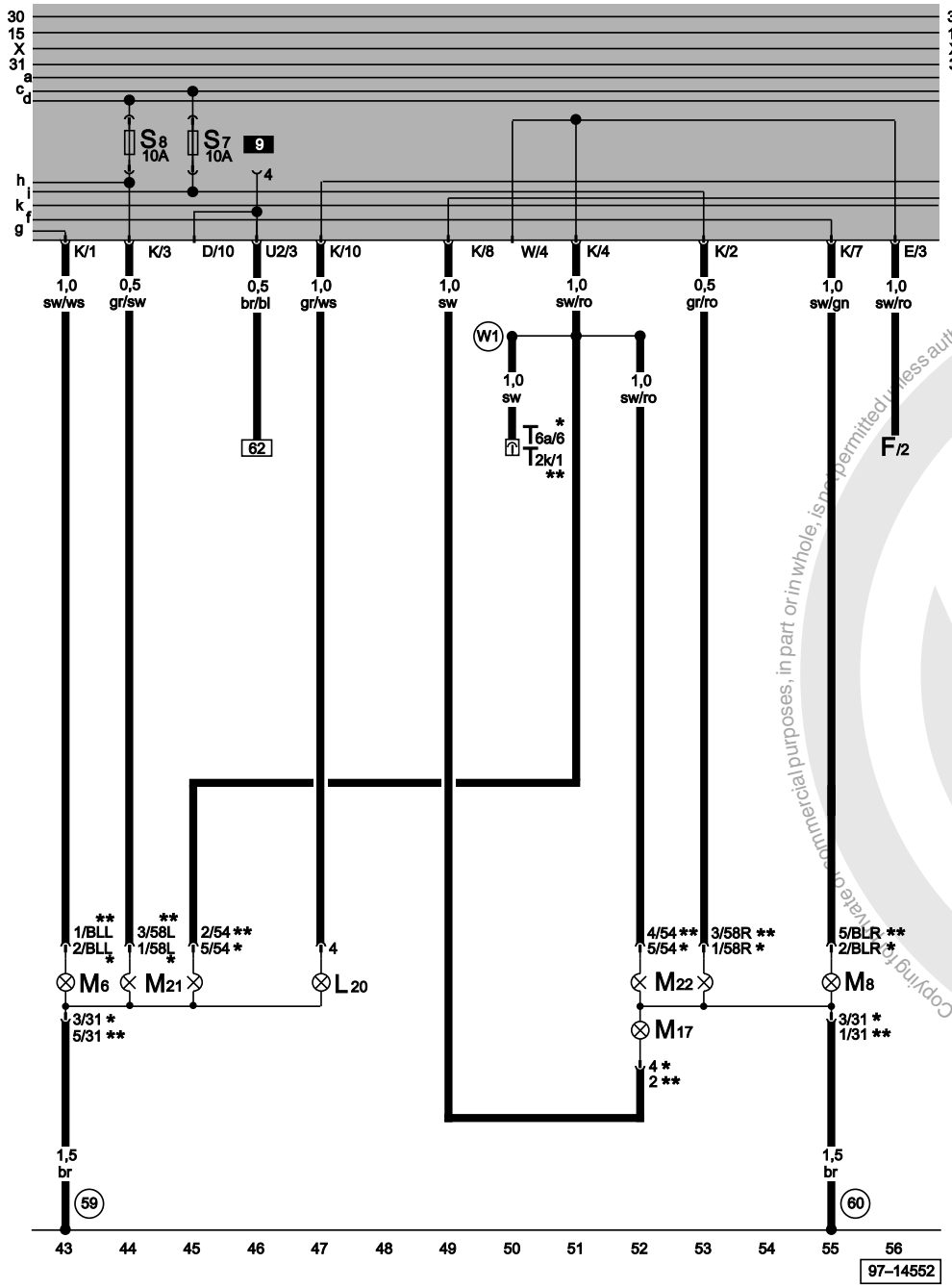

Turn signal bulb rear, brake light, tail lights, rear fog light, reversing light

F	Brake light switch
L20	Rear fog light bulb
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M17	Reversing light bulb, right
M21	Brake and tail light bulb, left
M22	Brake and tail light bulb, right
T2k	2-pin connector, near left tail light
T6a	6-pin connector, near left tail light
59	Earth point, near left tail light
60	Earth point -2-, near right tail light
W1	Positive (+) connection (54), in rear wiring harness
*	Only Caddy
**	Only Polo Classic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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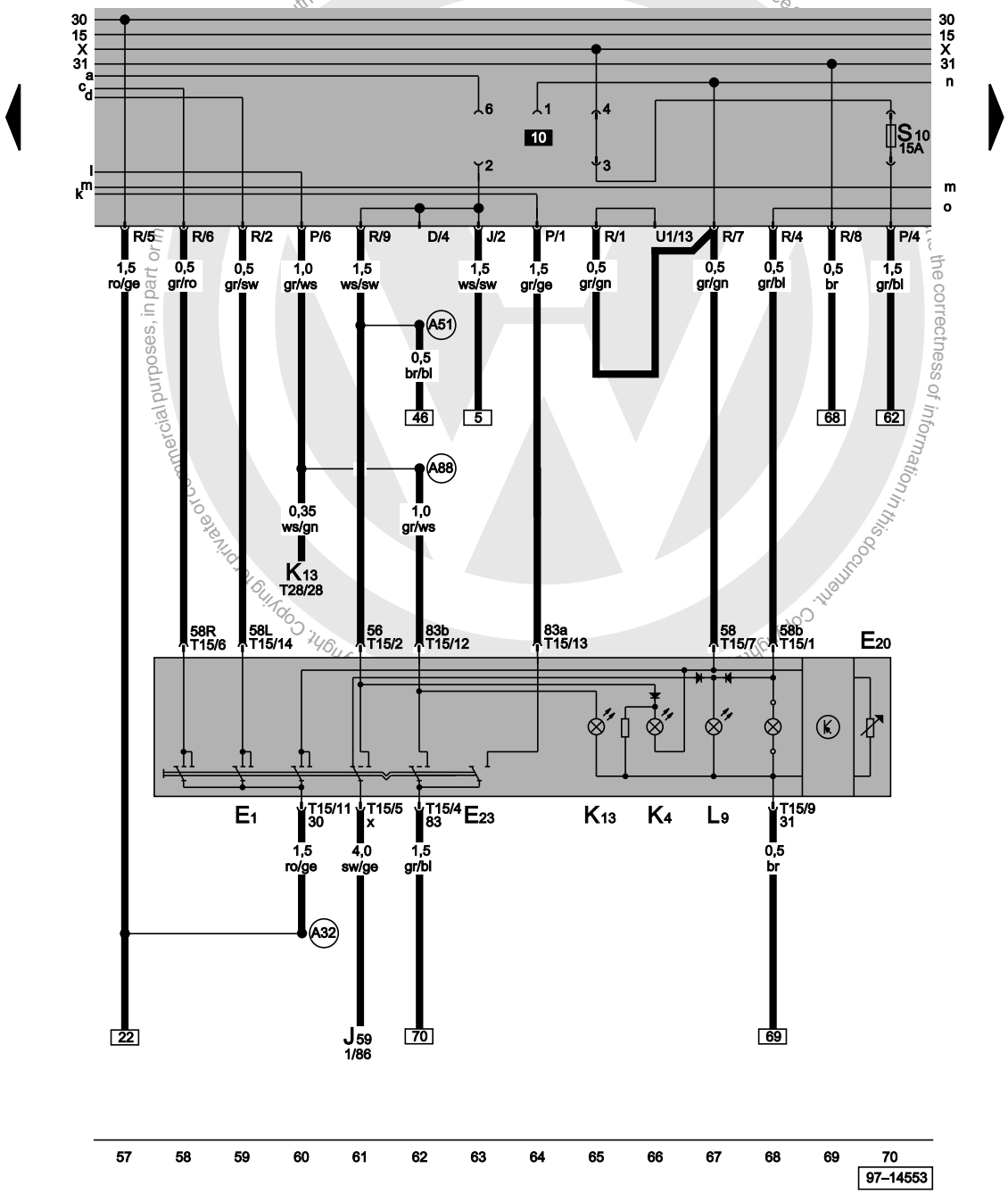

Lighting switch, switches and instruments – lighting control, front and rear fog light switch

E1	Lighting switch
E20	Switches and instruments, lighting control
E23	Front and rear fog light switch
J59	X contact relief relay
K4	Side light warning lamp
K13	Rear fog light warning lamp
L9	Lighting switch light bulb
T15	15-pin connector, on lighting switch
T28	28-pin connector, on dash panel insert
A32	Positive (+) connection (30), in dash panel wiring harness
A51	Positive (+) connection (56), in dash panel wiring harness
A88	Positive (+) connection (rear fog light), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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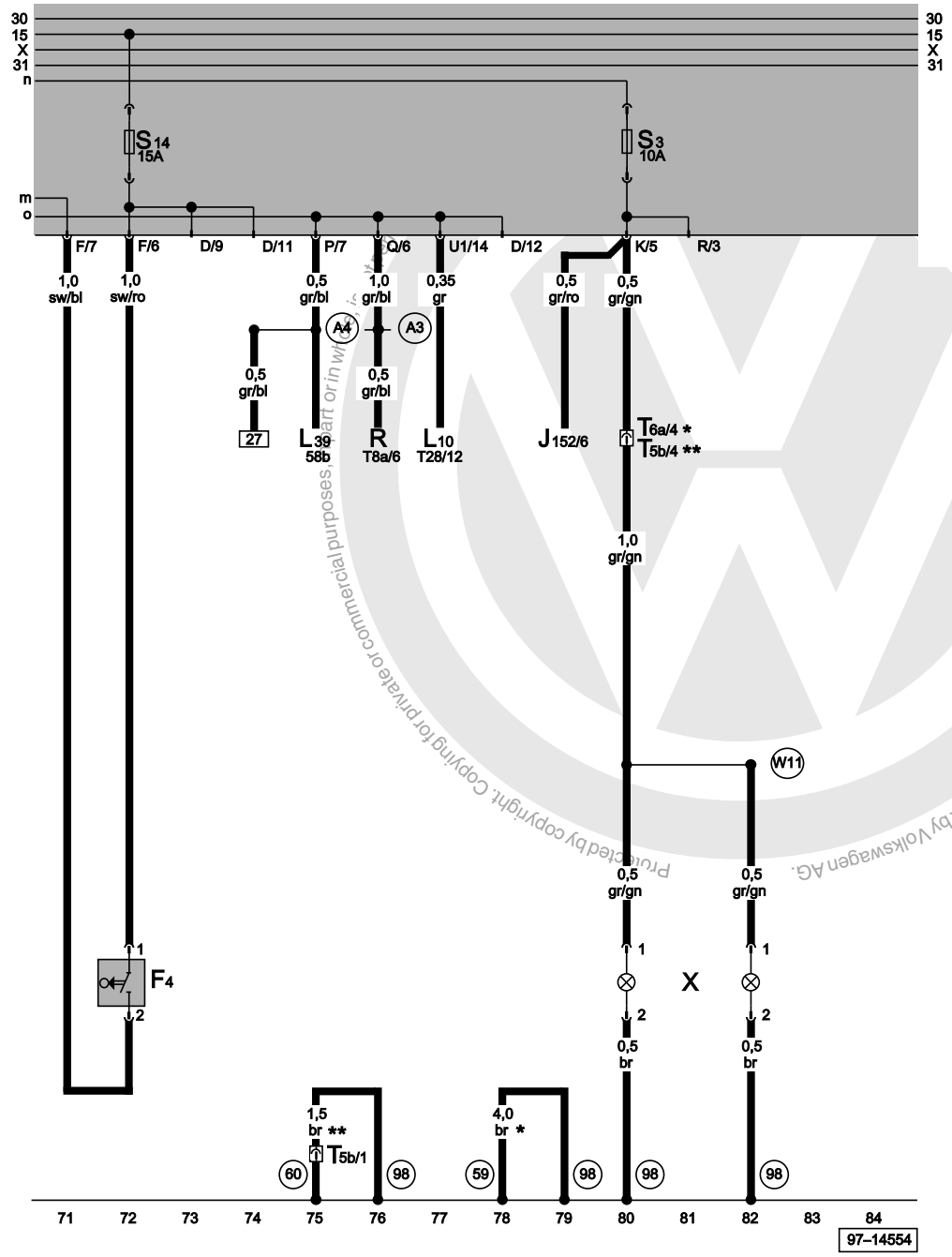

Number plate light, reversing light switch

F4	Reversing light switch
J152	Warning buzzer for side light
L10	Dash panel insert light bulb
L39	Heated rear window switch bulb
R	Radio
T5b	5-pin connector, near left tail light
T6a	6-pin connector, near left tail light
T8a	8-pin connector, on radio
T28	28-pin connector, on dash panel insert
X	Number plate light
59	Earth point, near left tail
60	Earth point, near right tail light
98	Earth connection, in tailgate/bootlid wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
W11	Connection (58), in tailgate/bootlid wiring harness
*	Only Caddy
**	Only Polo Classic

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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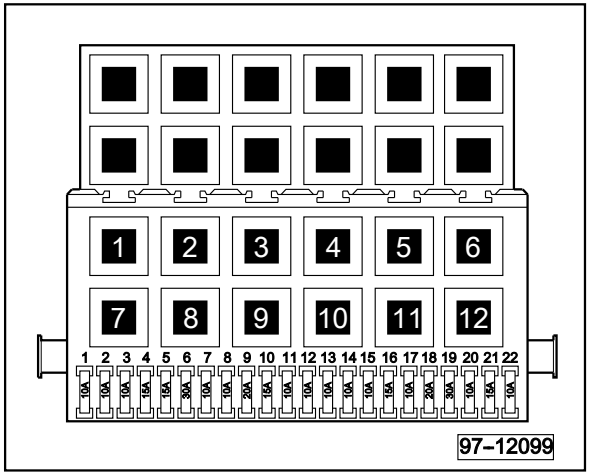
1.6 l/55 kW Motronic, engine codes 1F

From November 1995

1.8 l/66 kW Mono-Motronic, engine codes ADZ

From January 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



12 - Fuel pump relay (167)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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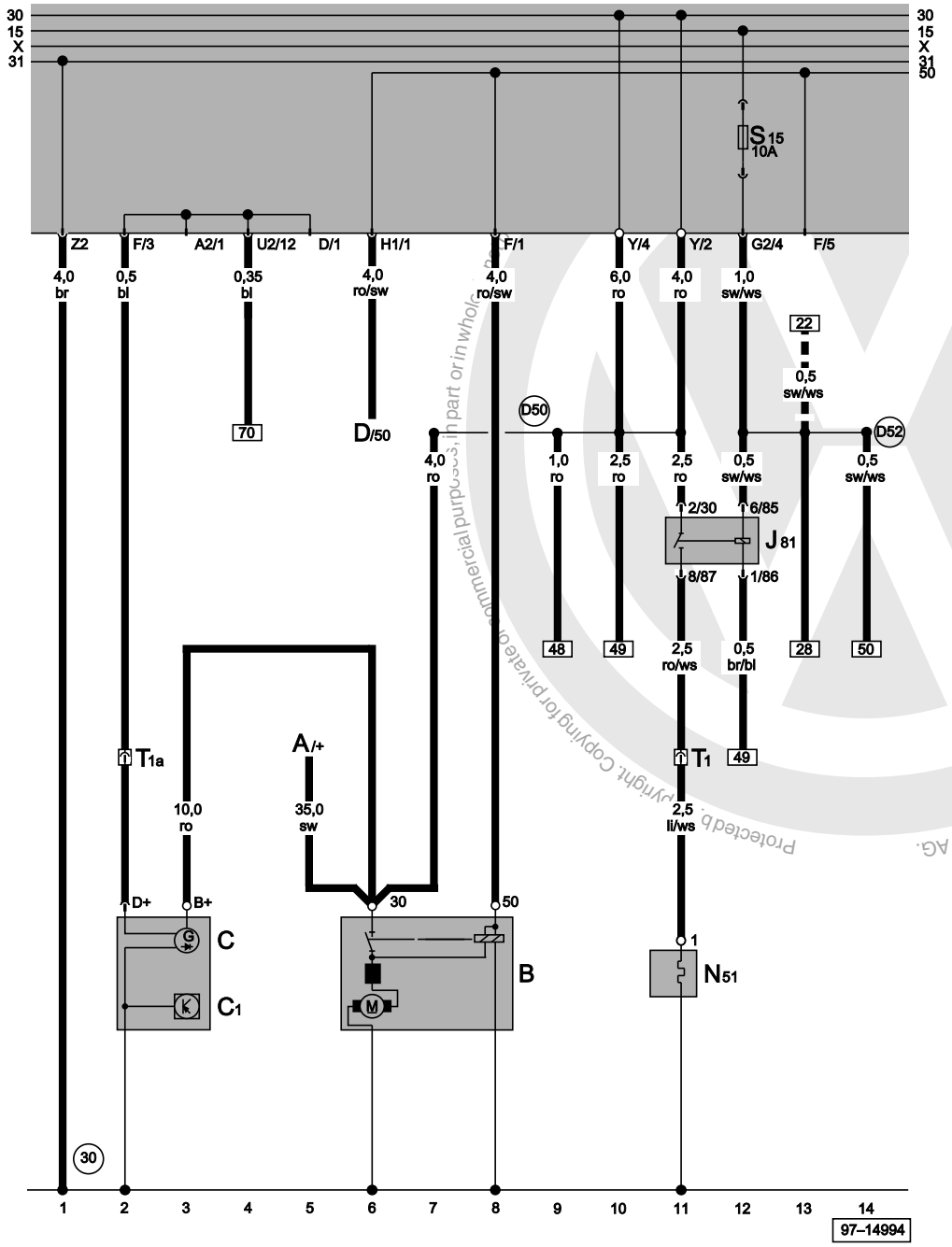

Alternator, starter, intake manifold preheating

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J81	Intake manifold preheating relay
N51	Intake manifold preheating heater element
T1	Single connector, near brake servo unit
T1a	Single connector, near starter
30	Earth point -1-, next to relay plate
D50	Positive (+) connection (30), in engine compartment wiring harness
D52	Positive (+) connection (15a), in engine compartment wiring harness
<fo:external-graphic src="/_/PDOC/samba/tools/png-convert/out//slp/ft_icons/m_m_m.png" content-width="20pt" scaling="uniform"/>	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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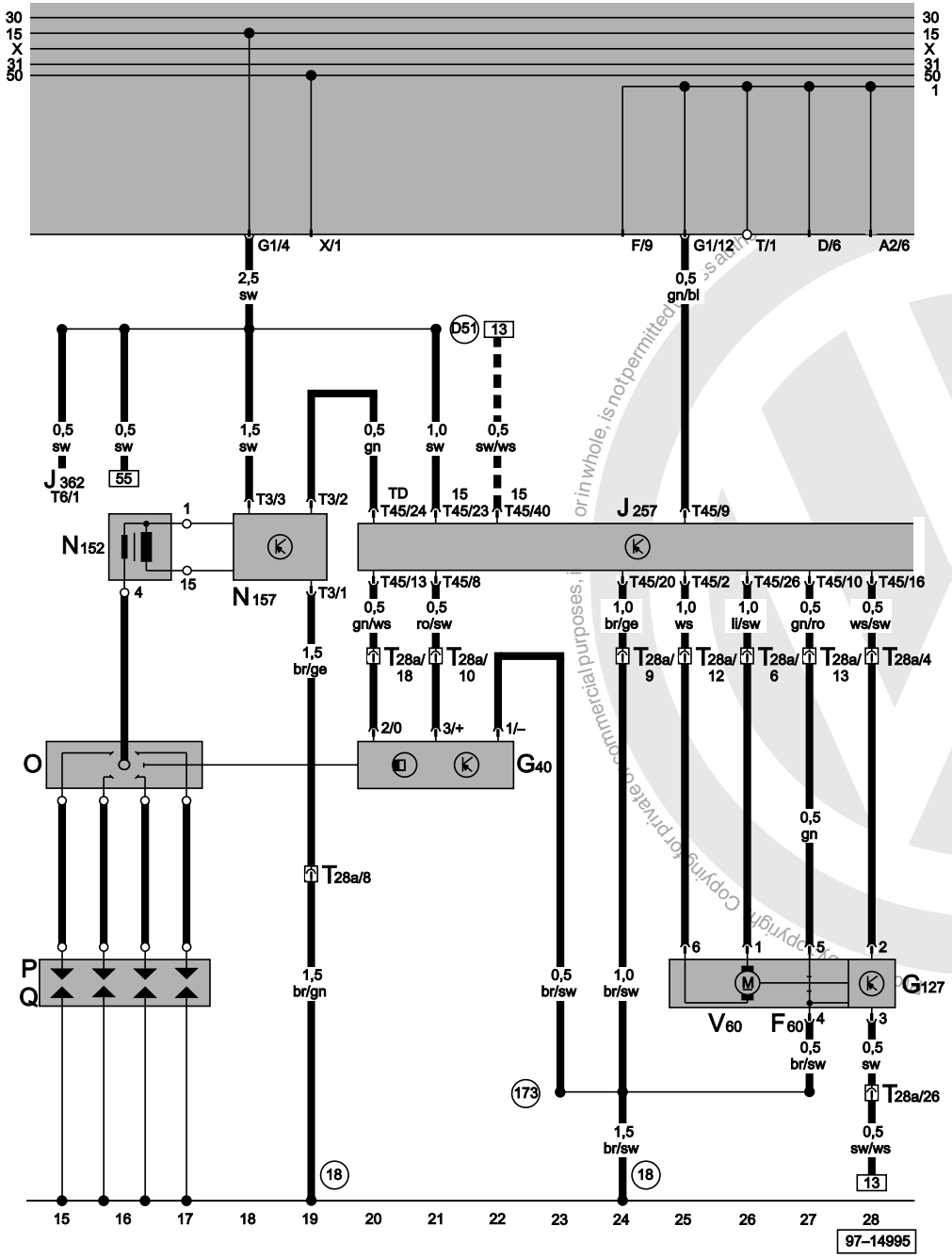

Mono–Motronic control unit, ignition system, hall sender, throttle valve positioner

F60	Idling switch
G40	Hall sender
G127	Throttle valve positioner sender
J220	Mono-Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T3	3-pin connector, ignition transformer output stage
T6	6-pin connector
T28a	28-pin connector, on engine left
T45	45-pin connector, on Mono-Motronic control unit
V60	Throttle valve positioner
18	Earth point, on engine block
173	Earth connection -1-, in Mono-Motronic wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/pmmp.png" content-width="20pt" scaling="uniform"/>	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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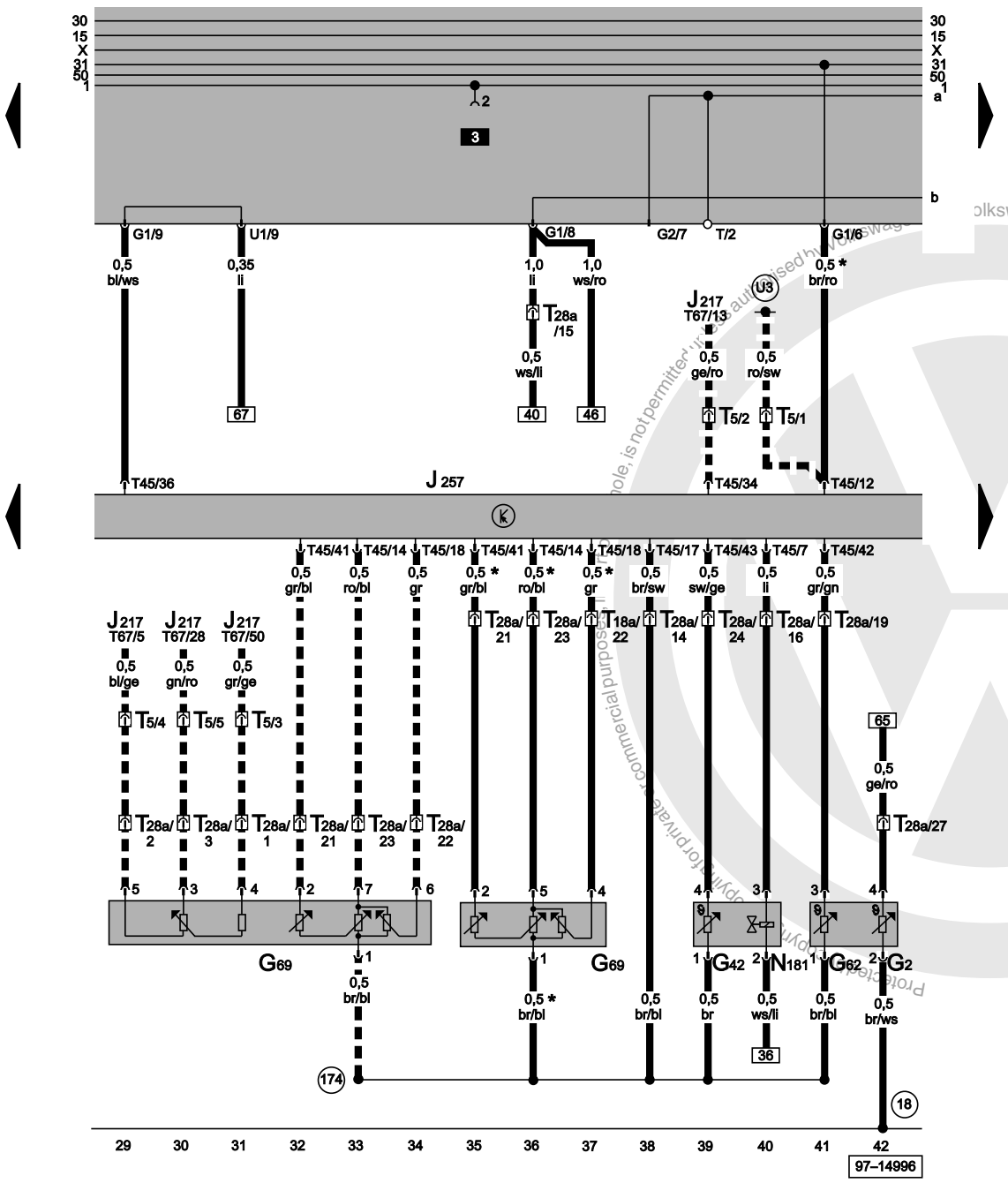

Mono–Motronic control unit, throttle valve potentiometer, injector

G2	Coolant temperature sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G69	Throttle valve potentiometer
J217	Automatic gearbox control unit, in plenum chamber, centre
J220	Mono-Motronic control unit, in plenum chamber, left
N181	Injectors
T5	5-pin connector, in plenum chamber
T28a	28-pin connector, on engine left
T45	45-pin connector, on Mono-Motronic control unit
18	Earth point, on engine block
174	Earth connection -2-, in Mono-Motronic wiring harness
U3	Connection -1-, in automatic gearbox wiring harness
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/pmmp.png" content-width="20pt" scaling="uniform"/>	Only models with automatic gearbox
*	Only manual gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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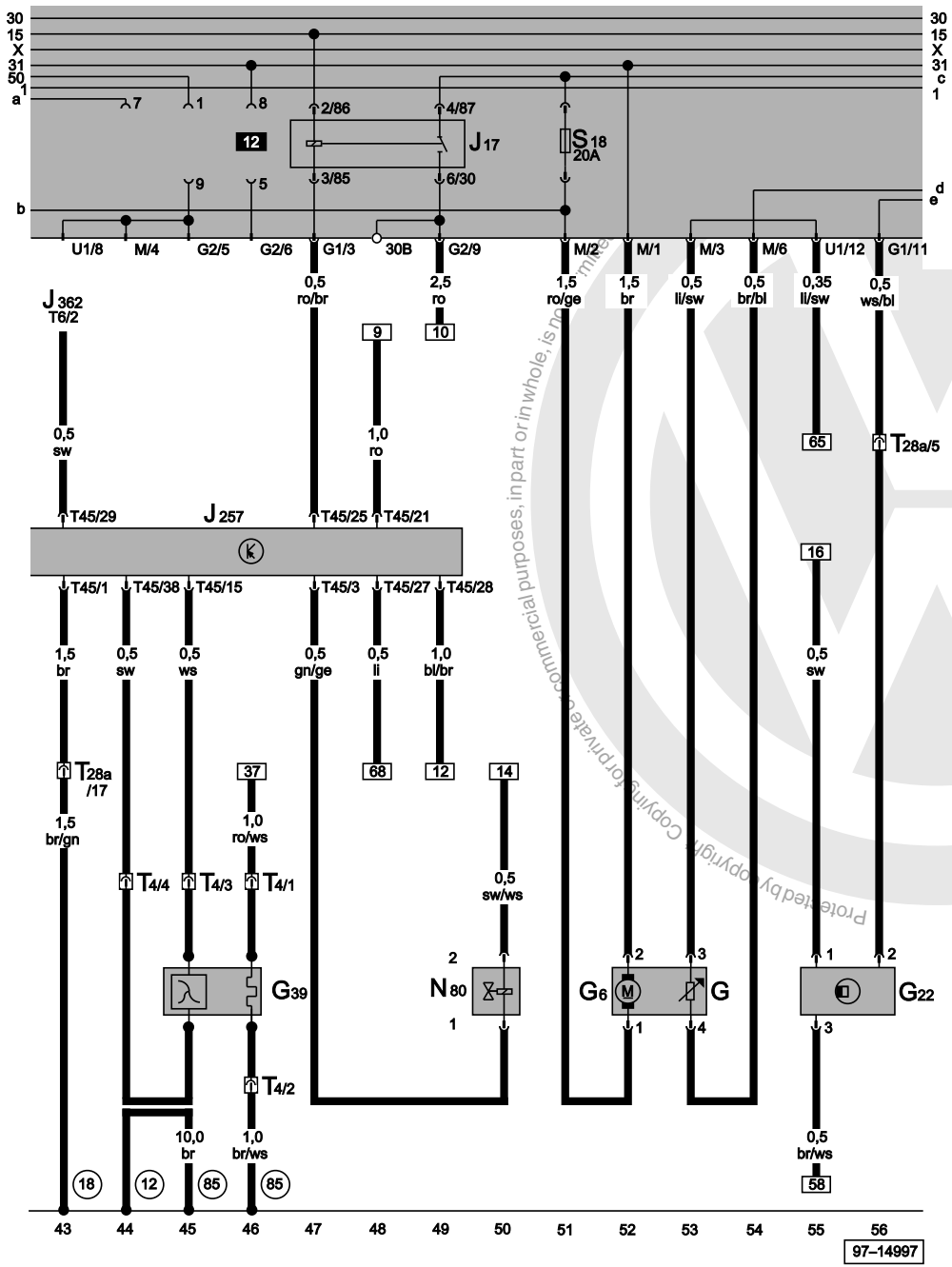

Mono–Motronic control unit, lambda probe, activated charcoal filter system solenoid valve, fuel supply system, speedometer sender

G	Fuel gauge sender
G6	Fuel pump
G22	Speedometer sender
G39	Lambda probe
J17	Fuel pump relay
J220	Mono-Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T4	4-pin connector
T6	6-pin connector
T28a	28-pin connector, on engine left (only models with automatic gearbox)
T45	45-pin connector, on Mono-Motronic control unit
12	Earth point, in engine compartment, left
18	Earth point, on engine block
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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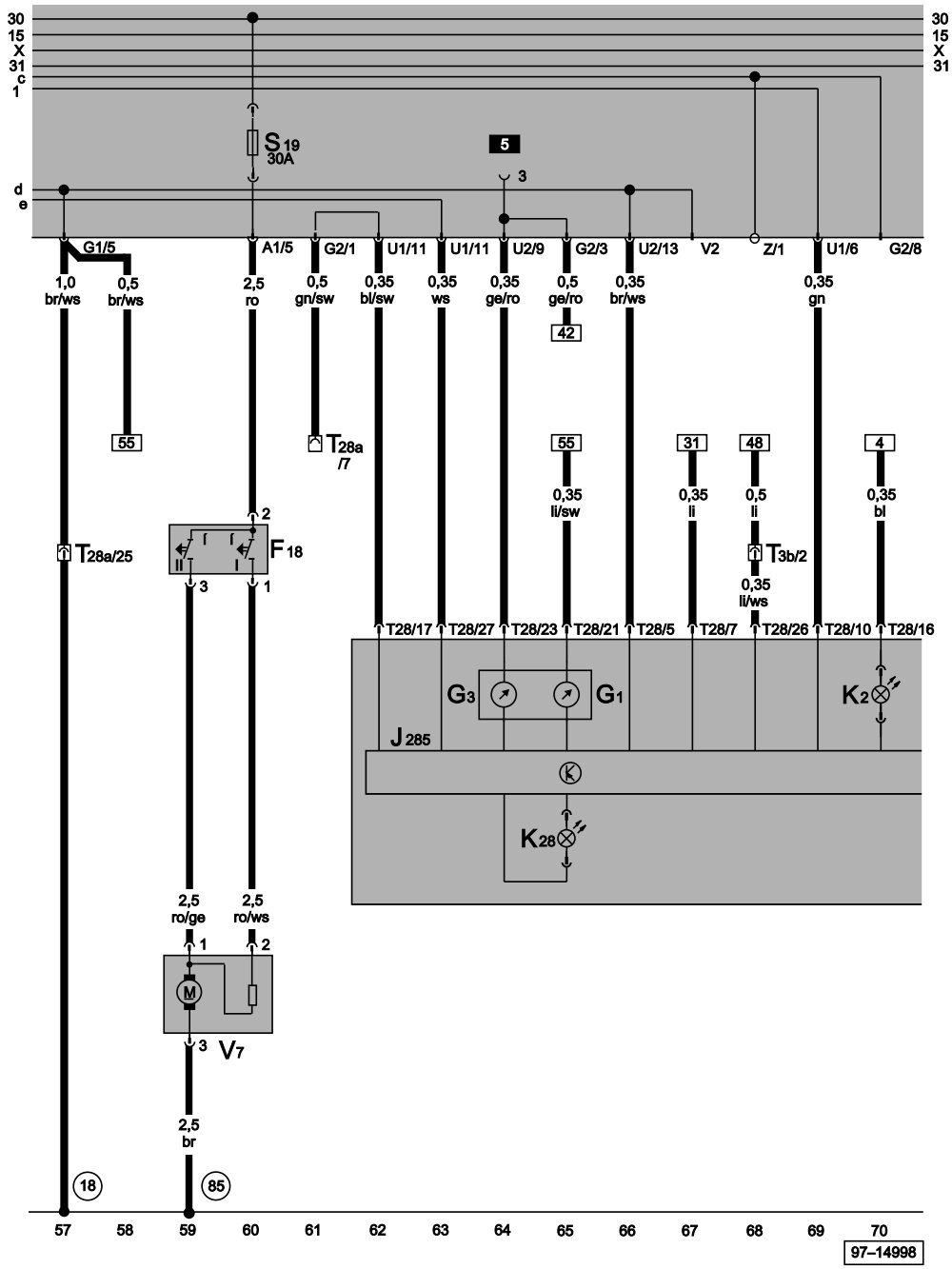

Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, radiator fan

F18	Radiator fan thermo-switch
G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
T3b	3-pin connector, behind dash panel, left
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left
V7	Radiator fan
18	Earth point, on cylinder block
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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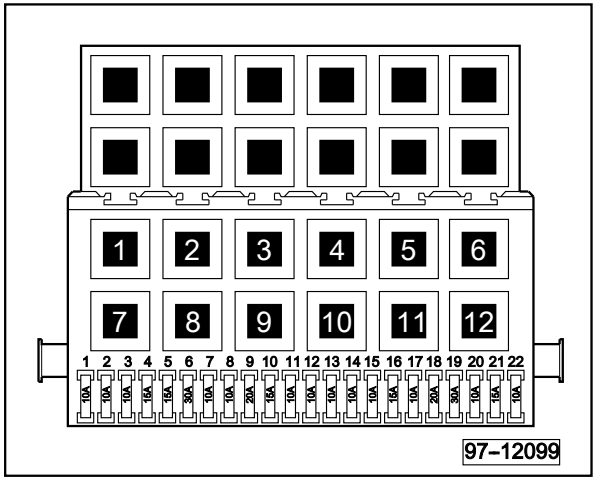
Central locking with/without infra-red remote central locking and anti-theft alarm system

From July 1996

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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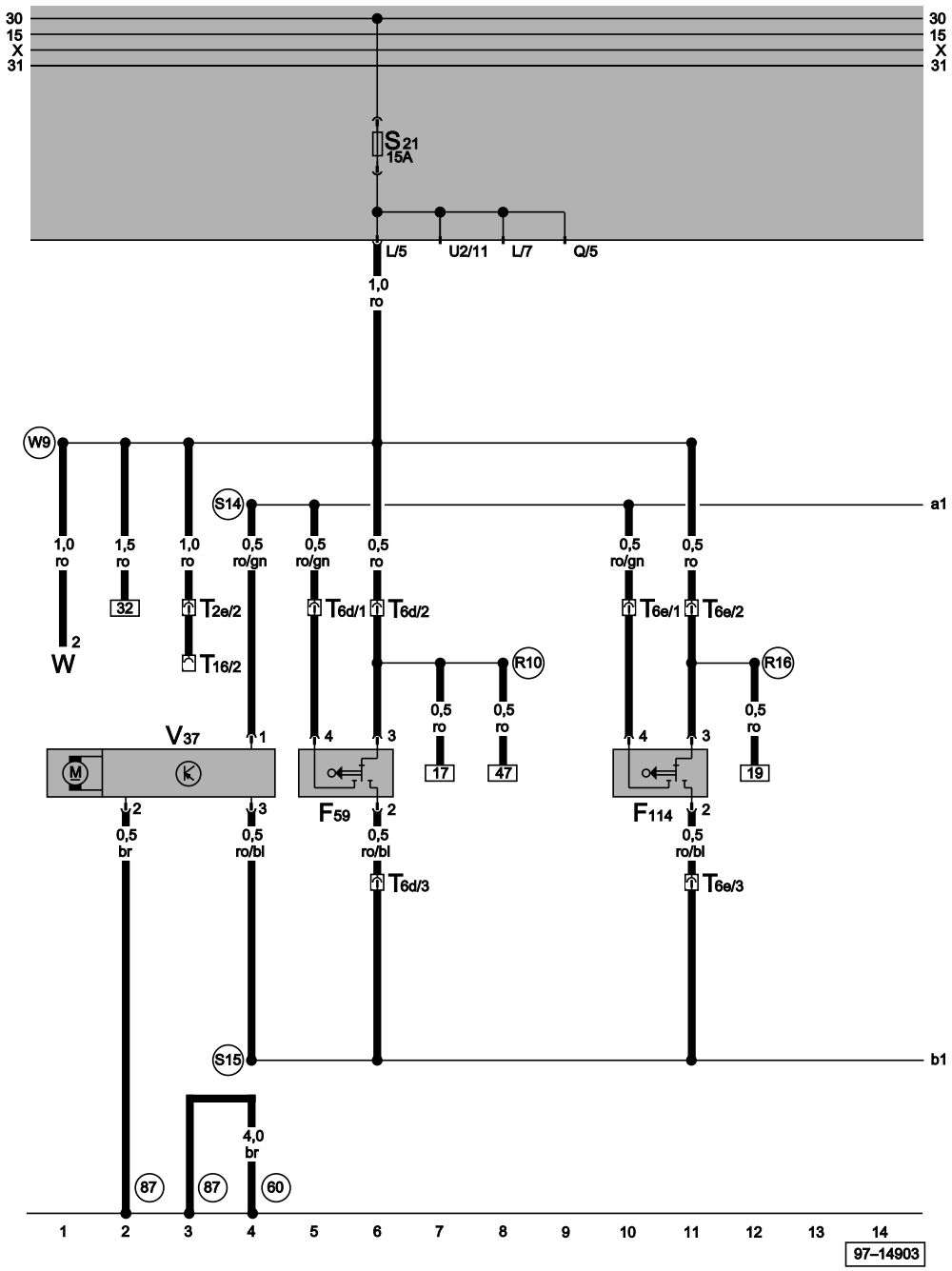

Central locking motor (bipressure pump), central locking switch

F59	Tailgate/bootlid central locking switch (driver's side)
F114	Tailgate/bootlid central locking switch (front passenger's side)
T2e	2-pin connector, behind relay plate
T6d	6-pin connector, on lower part of left A pillar
T6e	6-pin connector, on lower part of right A pillar
T16	16-pin connector, self-diagnosis connection in left lower console
W	Interior light, front
V37	Central locking motor (bipressure pump)
60	Earth point -2-, near right tail light
87	Earth connection -2-, in rear wiring harness
R10	Positive (+) connection -1- (30), in door wiring harness - driver's side
R16	Positive (+) connection -1- (30), in door wiring harness - front passenger's side
S14	Connection (open), in central locking wiring harness
S15	Connection (closed), in central locking wiring harness
W9	Positive (+) connection (30), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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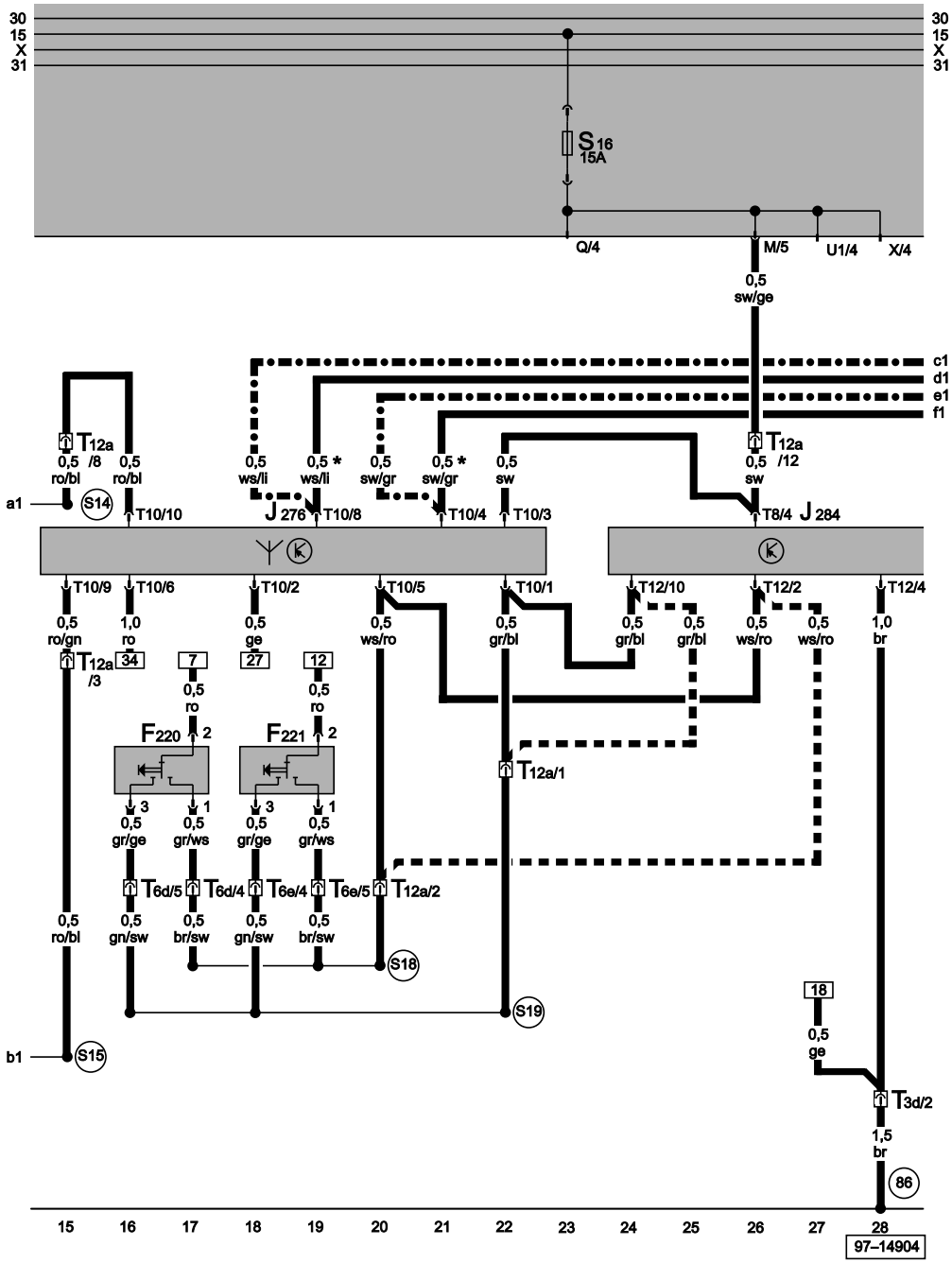

Control unit with remote control – central locking, anti–theft alarm system control unit

F220	Central locking lock unit, driver's side
F221	Central locking lock unit, front passenger's side
J276	Control unit for remote control - central locking
J284	Anti-theft alarm system control unit, behind dash panel
T3d	3-pin connector, in front right footwell
T6d	6-pin connector, on lower part of left A pillar
T6e	6-pin connector, on lower part of right A pillar
T8	8-pin connector
T10	10-pin connector
T12	12-pin connector
T12a	12-pin connector, in front right footwell
86	Earth connection -1-, in rear wiring harness
S14	Connection (open), in central locking wiring harness
S15	Connection (closed), in central locking wiring harness
S18	Connection -2- (open), in central locking wiring harness
S19	Connection -2- (closed), in central locking wiring harness
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<fo:external-graphic src="/../PDOC/	Only models with Swiss

ws = white

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li	=	purple	scaling="
ge	=	yellow	uniform"/
or	=	orange	>
rs	=	pink	* Does not apply to models with Swiss

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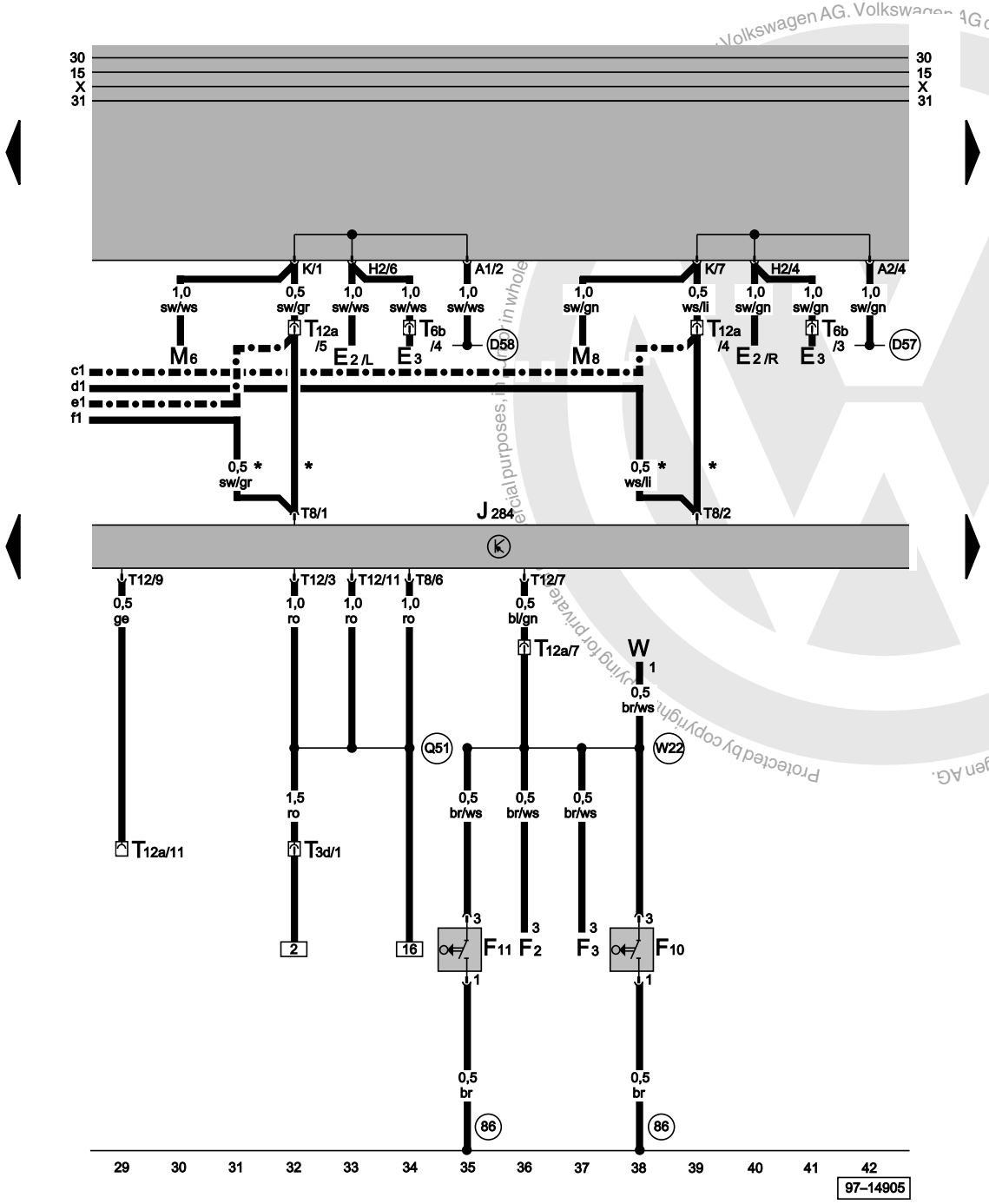

Anti–theft alarm system control unit, door contact switches

E2	Turn signal switch
E3	Hazard warning light switch
F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F10	Rear left door contact switch
F11	Rear right door contact switch
J284	Anti-theft alarm system control unit
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
T3d	3-pin connector, in front right footwell
T6b	6-pin connector, behind dash panel
T8	8-pin connector
T12	12-pin connector
T12a	12-pin connector, in front right footwell
W	Interior light, front
86	Earth connection -1-, in rear wiring harness
D57	Connection (right turn signal), in engine compartment wiring harness
D58	Connection (left turn signal), in engine compartment wiring harness
Q51	Positive (+) connection (30), in anti-theft alarm system wiring harness
W22	Connection (door contact switch), in rear wiring harness
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/pkmkp.png" content-width="20pt" scaling="uniform"/>	Only models with Swiss
*	Does not apply to models with Swiss

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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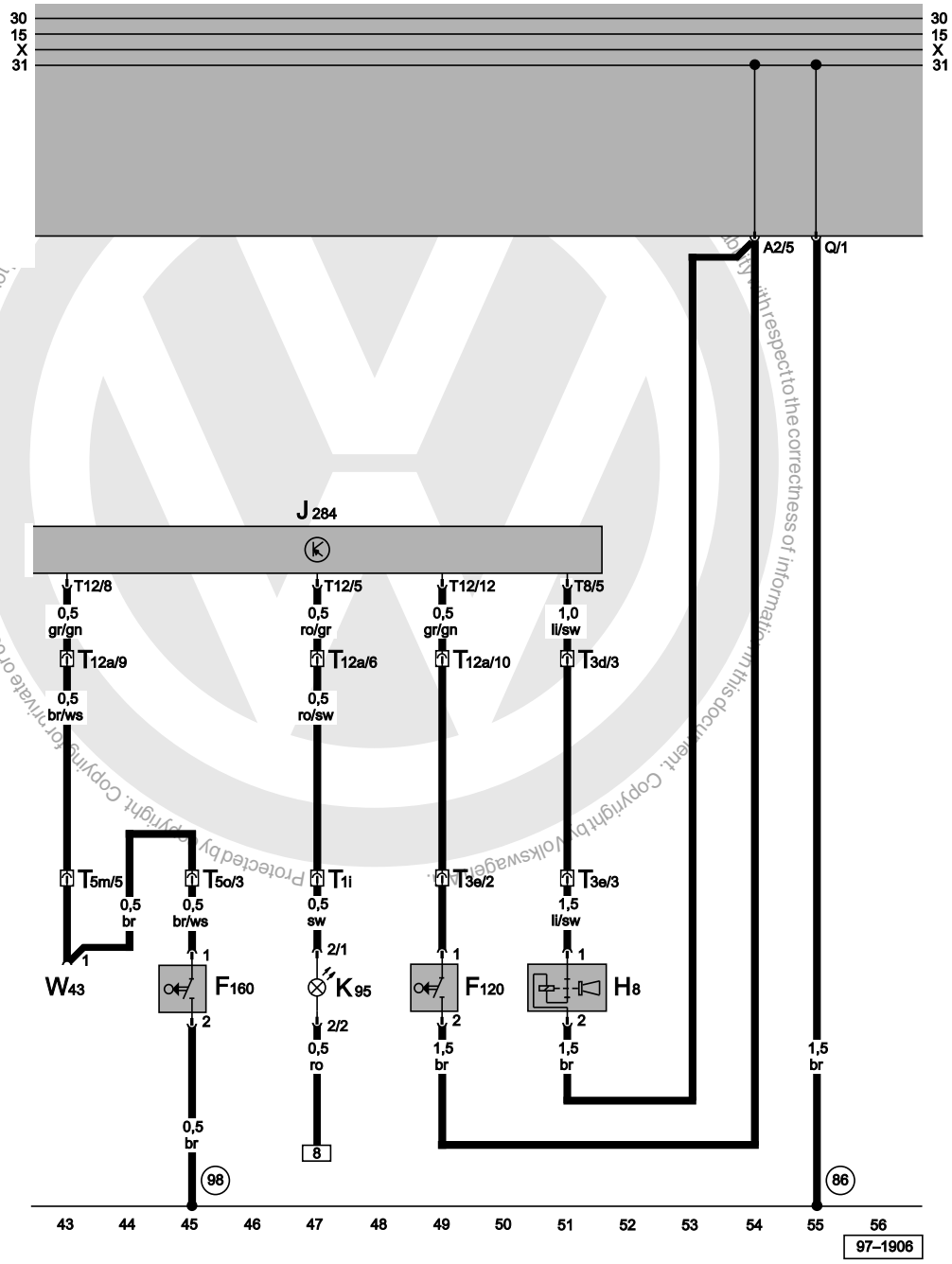

Anti–theft alarm system control unit, anti–theft alarm system warning lamp, anti–theft alarm system horn

F120	Anti-theft alarm system contact switch
F160	Rear left door contact switch (rear)
H8	Anti-theft alarm system horn
J284	Anti-theft alarm system control unit
K95	Anti-thef system warning lamp, in driver's door
T6d	Single connector, on lower part of left A pillar
T3d	3-pin connector, in front right footwell
T3e	3-pin connector, behind relay plate
T5m	5-pin connector, near right tail light
T5o	5-pin connector, near left tail light
T12	12-pin connector
T12a	12-pin connector, in front right footwell
W43	Rear interior light, luggage compartment
86	Earth connection -1-, in rear wiring harness
98	Earth connection, in tailgate/bootlid wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Automatic gearbox

⇒ **1.6 l/55 kW Mono-Motronic, engine code 1F**

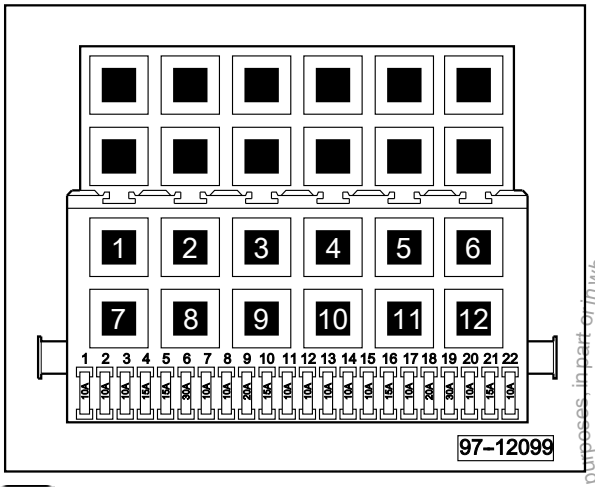
From November 1995

Automatic gearbox

⇒ **1.8 l/66 kW Mono-Motronic, engine codes ADZ**

From January 1997

Relay locations



Note:

- *For alternatives to relay locations and fuse assignment as well as multi-pin connector wiring see "Fitting locations" section.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - lilac

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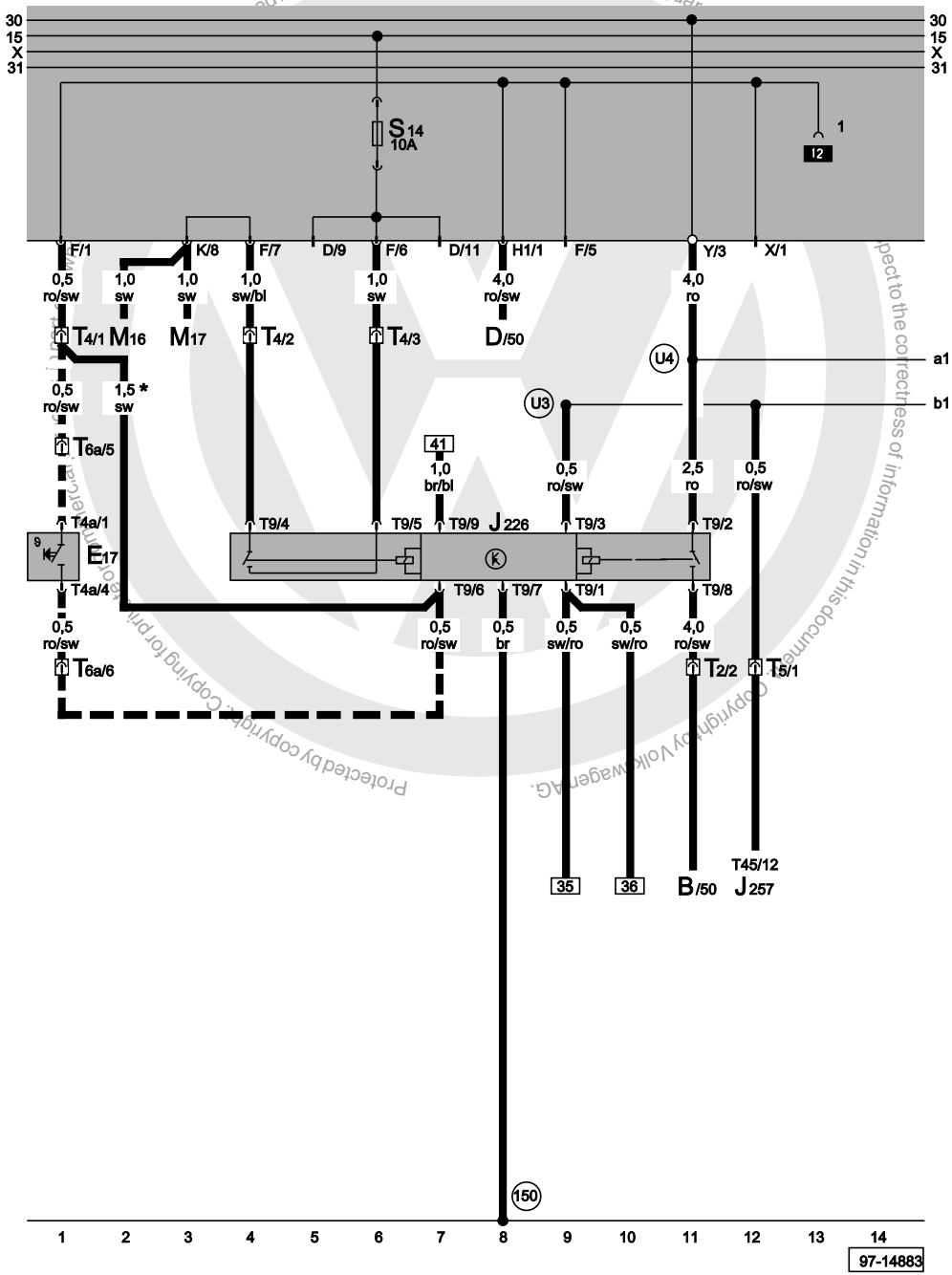
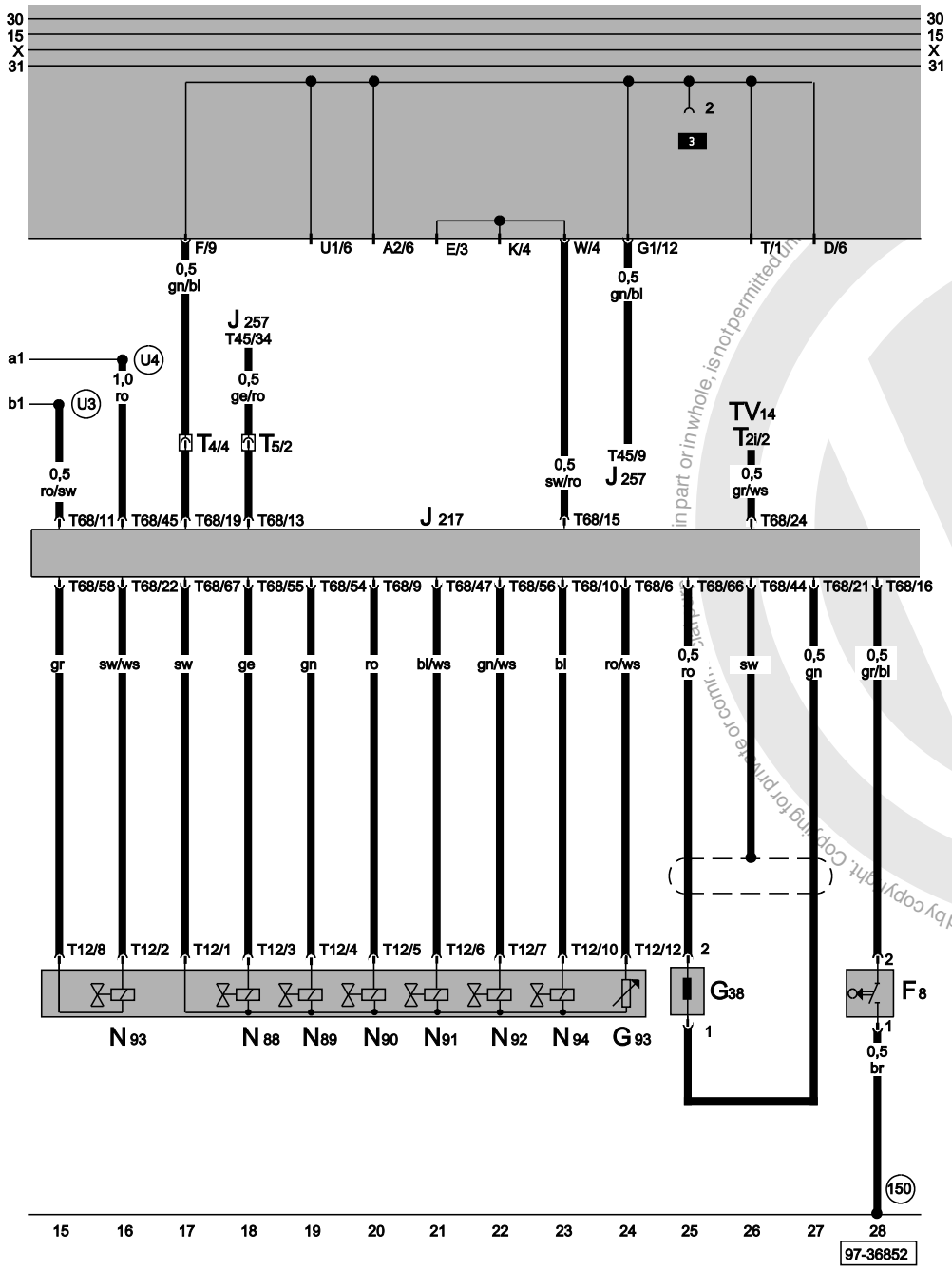


Starter inhibitor and reversing light relay

B	Starter
D	Ignition/starter switch, reading coil
E17	Starter inhibitor and reversing light switch
J226	Starter inhibitor and reversing light relay (175)
J257	Mono-Motronic control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
S14	Fuse in relay plate fuse box
T2	2-pin connector, behind relay plate
T4	4-pin connector, behind relay plate
T4a	4-pin connector, near selector mechanism
T5	5-pin connector, in plenum chamber
T6a	6-pin connector, near selector mechanism
T9	9-pin connector
T45	45-pin connector, on Mono-Motronic control unit
150	Earth connection, in automatic gearbox wiring harness
U3	Connection 1, in automatic gearbox wiring harness
U4	Connection (30), in automatic gearbox wiring harness
*	Left-hand drive vehicles only
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/m_m_m.png" content-width="20pt" scaling="uniform"/>	Right-hand drive vehicles only

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Automatic gearbox control unit, solenoid valves, gearbox speed sender, kick–down switch

F8	Kick-down switch
G38	Gearbox speed sender
G93	Gearbox oil temperature sender
J217	Automatic gearbox control unit, in centre of plenum chamber
J257	Mono-Motronic control unit
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T2i	2-pin connector
T4	4-pin connector, behind relay plate
T5	5-pin connector, in plenum chamber
T12	12-pin connector
T45	45-pin connector, on Mono-Motronic control unit
T68	68-pin connector
TV14	Self-diagnosis wiring junction, behind relay plate
150	Earth connection, in automatic gearbox wiring harness
U3	Connection 1, in automatic gearbox wiring harness
U4	Connection (30), in automatic gearbox wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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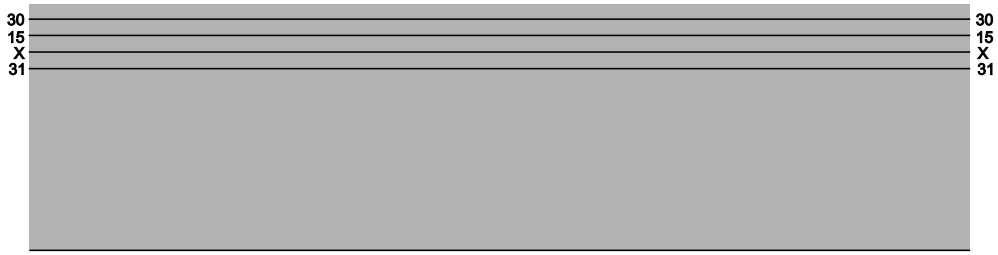
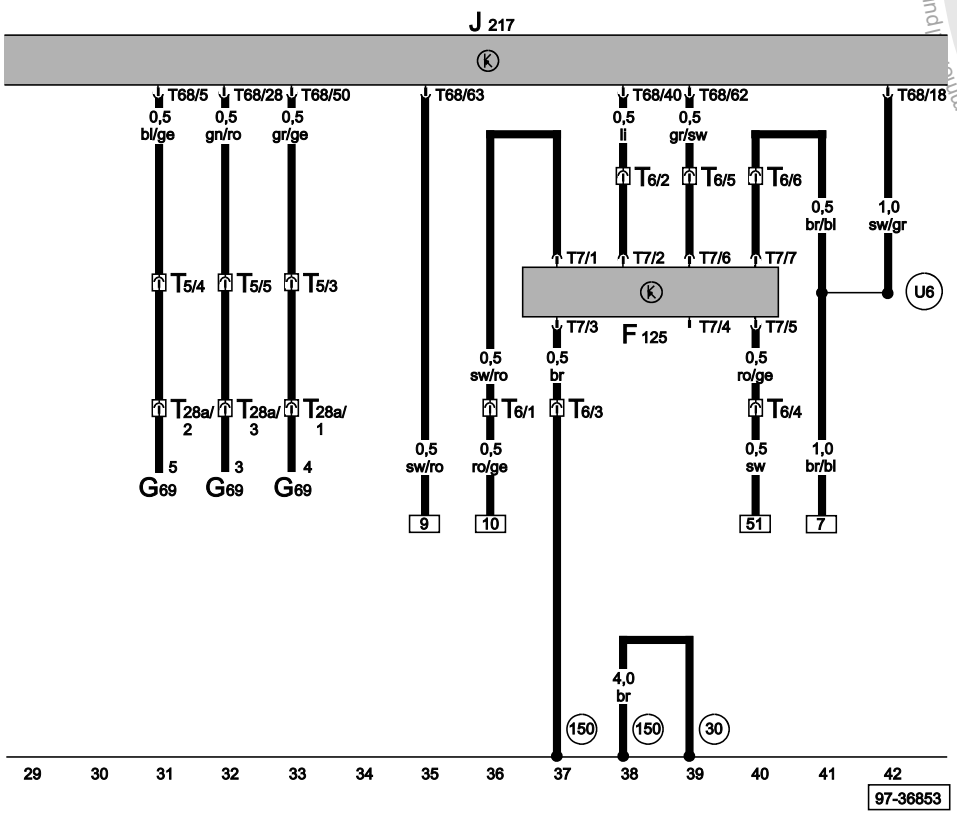


Automatic gearbox control unit, multi–function switch, throttle valve potentiometer

F125	Multi-function switch
G69	Throttle valve potentiometer
J217	Automatic gearbox control unit, in centre of plenum chamber
T5	5-pin connector, in plenum chamber
T6	6-pin connector, on left in engine compartment
T7	7-pin connector
T28a	28-pin connector, on left of engine
T68	68-pin connector
30	Earth point 1, next to relay plate
150	Earth connection, in automatic gearbox wiring harness
U6	Connection 2, in automatic gearbox wiring harness



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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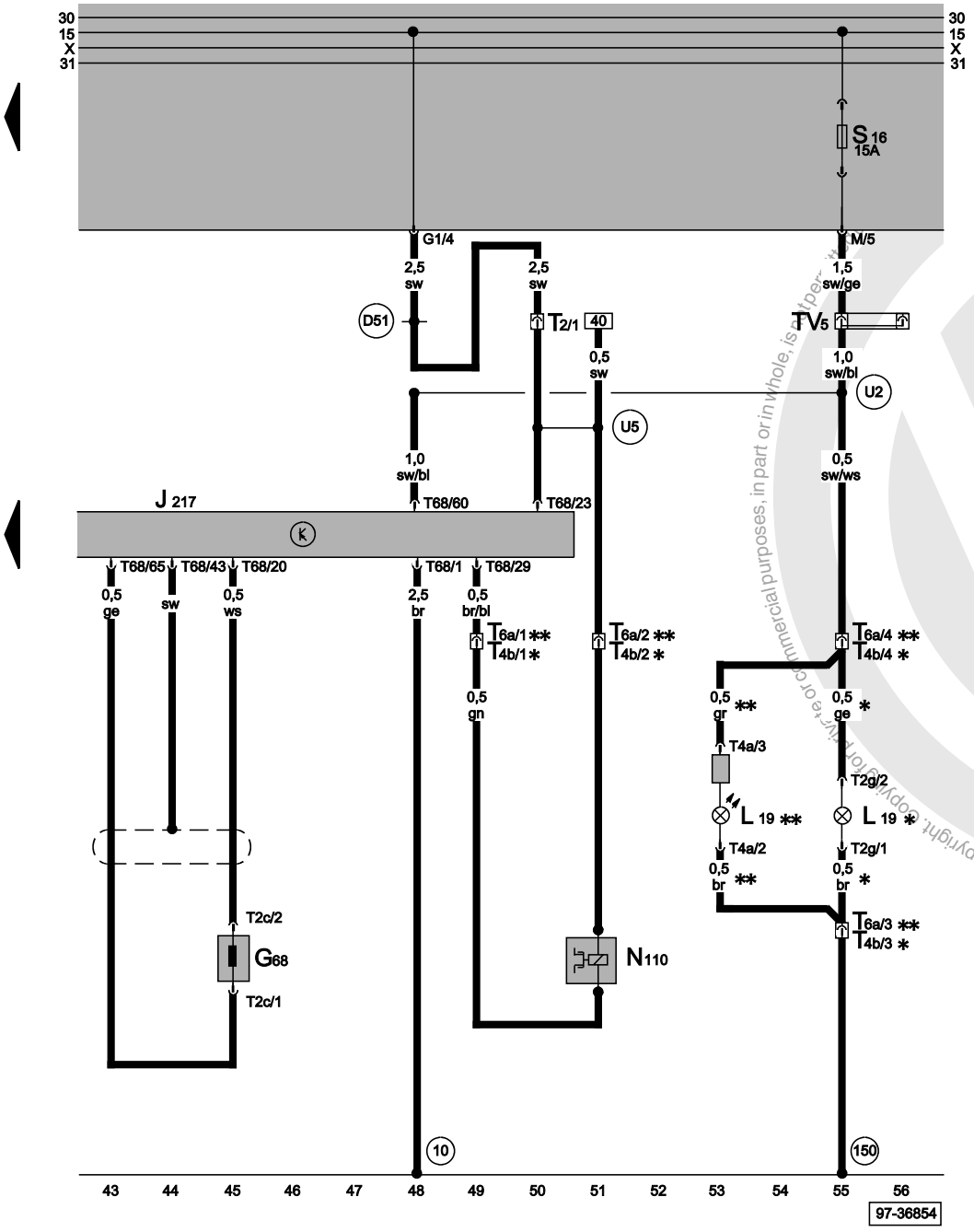

Automatic gearbox control unit, selector lever lock solenoid, vehicle speed sender

G68	Vehicle speed sender
J217	Automatic gearbox control unit, in centre of plenum chamber
L19	Gear selector display light bulb
N110	Selector lever lock solenoid
S16	Fuse in relay plate fuse box
T2	2-pin connector, behind relay plate
T2c	2-pin connector
T2g	2-pin connector
T4a	4-pin connector, near selector mechanism
T4b	4-pin connector
T6a	6-pin connector
T68	68-pin connector
TV5	Terminal 15a wiring junction, above the relay plate
10	Earth point, in plenum chamber
150	Earth connection, in automatic gearbox wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
U2	Connection 1 (15), in automatic gearbox wiring harness
U5	Connection 2 (15), in automatic gearbox wiring harness
*	Left-hand drive vehicles only
**	Right-hand drive vehicles only

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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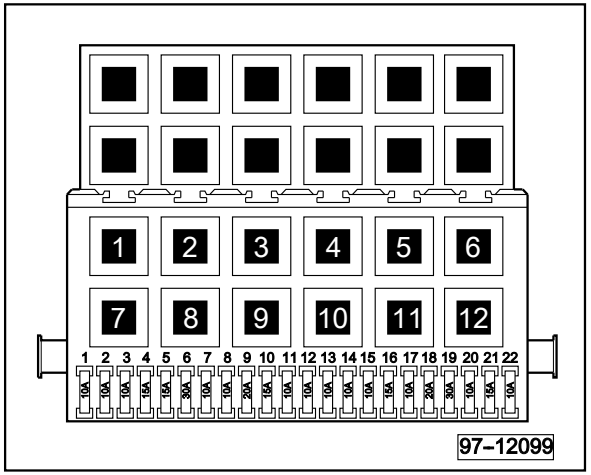
1.9 l/66 kW turbo-diesel engine, engine codes AHU

From January 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Terminal 30 voltage supply relay (109)
12 - Glow plug relay (103)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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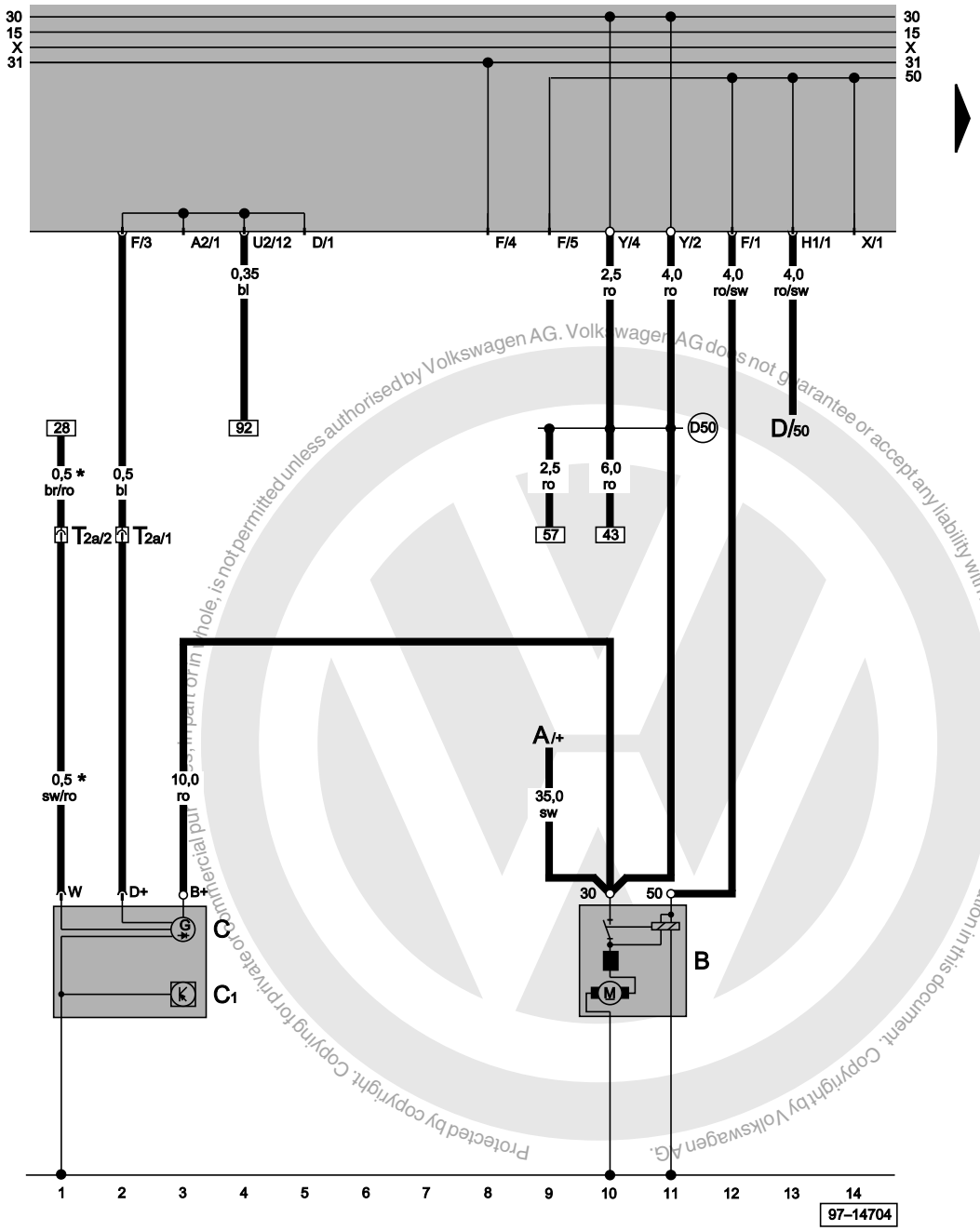

Battery, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2a	2-pin connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness
*	Only models with coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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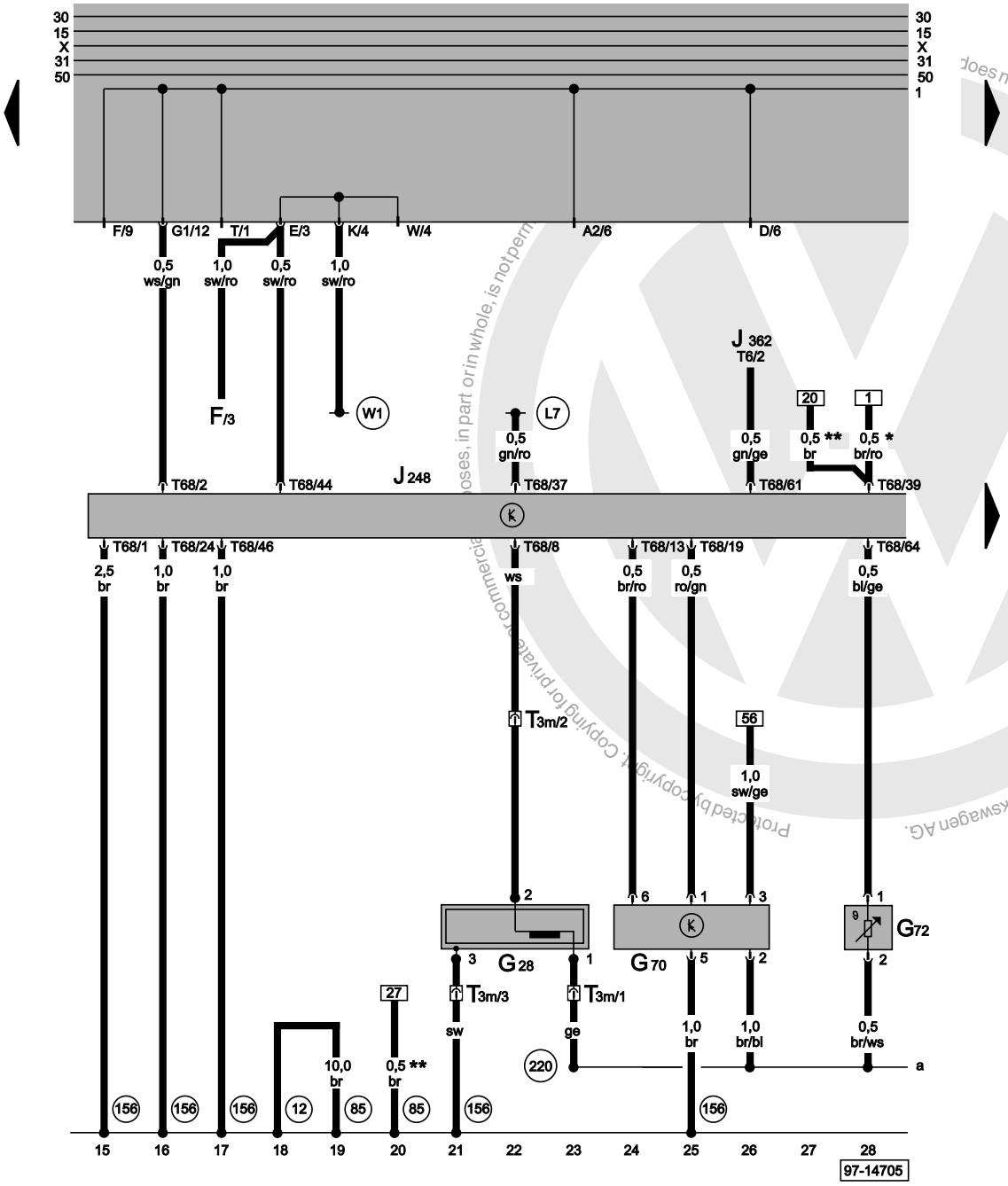

Diesel direct injection system control unit, engine speed sender, air mass meter, intake manifold temperature sender

F	Brake light switch
G28	Engine speed sender
G70	Air mass meter
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J362	Immobilizer control unit, behind dash panel, left
T3m	3-pin connector, on cylinder head, left
T6	6-pin connector, on immobilizer control unit
T68	68-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness
L7	Connection -3-, in air conditioner wiring harness
W1	Positive (+) connection (54), in rear wiring harness
*	Only models with coolant heater element
**	Only models without coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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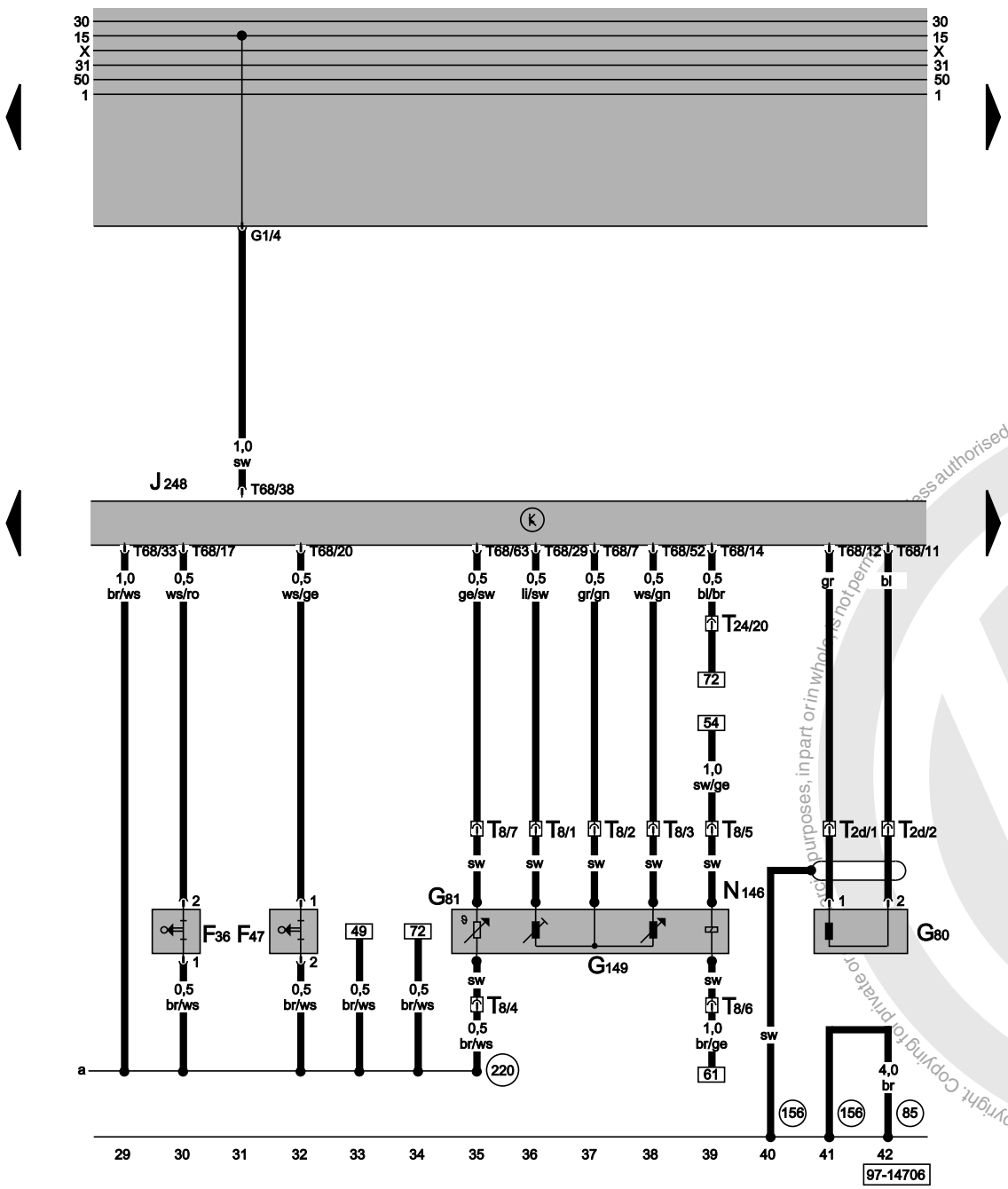

Diesel direct injection system control unit, metering adjuster, needle lift sender, fuel temperature sender, modulating piston movement sender

F36	Clutch pedal switch
F47	Cruise control system brake pedal switch/diesel direct inj. system
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit, in plenum chamber, right
N146	Metering adjuster
T2d	2-pin connector, on cylinder head, left, near injection pump
T8	8-pin connector, injection pump
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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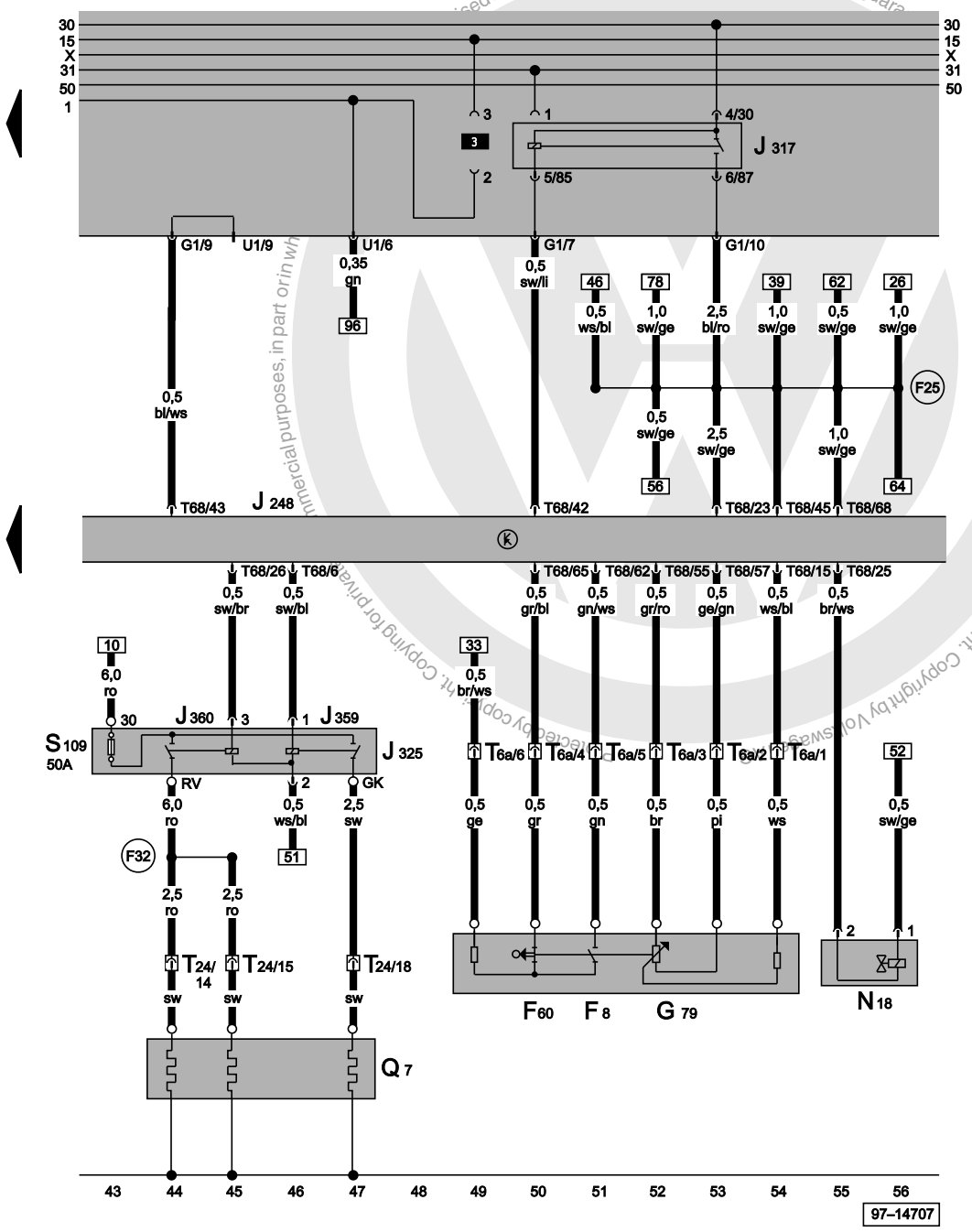
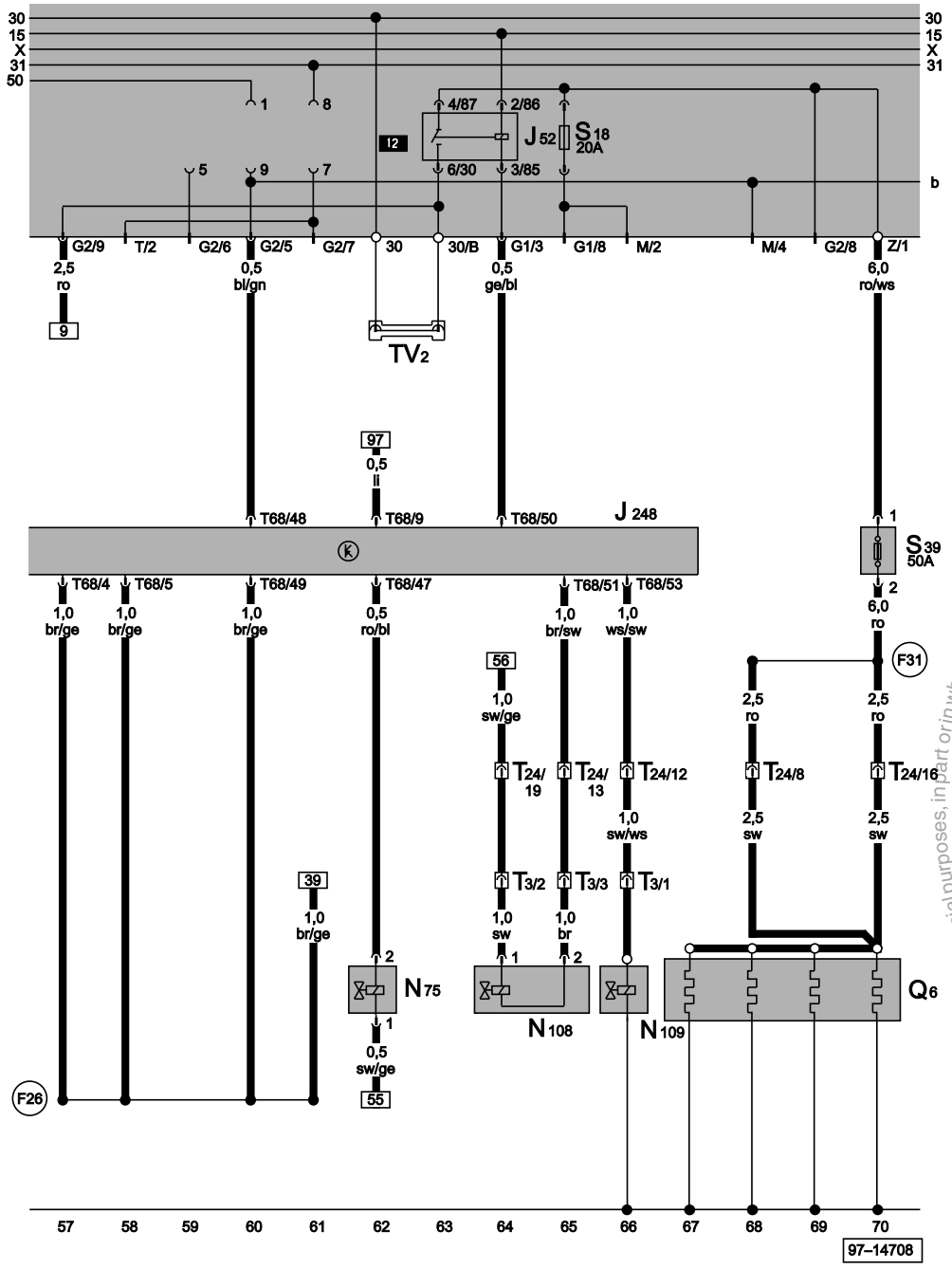


Diesel direct injection system control unit, terminal 30 voltage supply relay, coolant heater element, accelerator pedal position senders, exhaust gas recirculation valve

F8	Kick-down switch, only with automatic gearbox
F60	Idling switch
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J317	Terminal 30 voltage supply relay
J325	Relay for coolant heater elements, on bulkhead left
J359	Low heat output relay
J360	High heat output relay
N18	Exhaust gas recirculation valve
Q7	Coolant heating elements
S109	Strip fuse for coolant heating elements
T6a	6-pin connector, behind relay plate
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
F25	Connection -1-, in diesel direct injection system wiring harness
F32	Connection (glow plugs - coolant), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Diesel direct injection system control unit, glow plugs (engine), fuel shut–off valve, commencement of injection valve, charge pressure control solenoid valve

J52	Glow plug relay
J248	Diesel direct injection system control unit, in plenum chamber, right
N75	Charge pressure control solenoid valve
N108	Commencement of injection valve
N109	Fuel shut-off valve
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine), on bulkhead, left
T3	3-pin connector, near injection pump
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
TV2	Terminal 30 junction box
F26	Connection -2-, in diesel direct injection system wiring harness
F31	Connection (glow plugs - engine), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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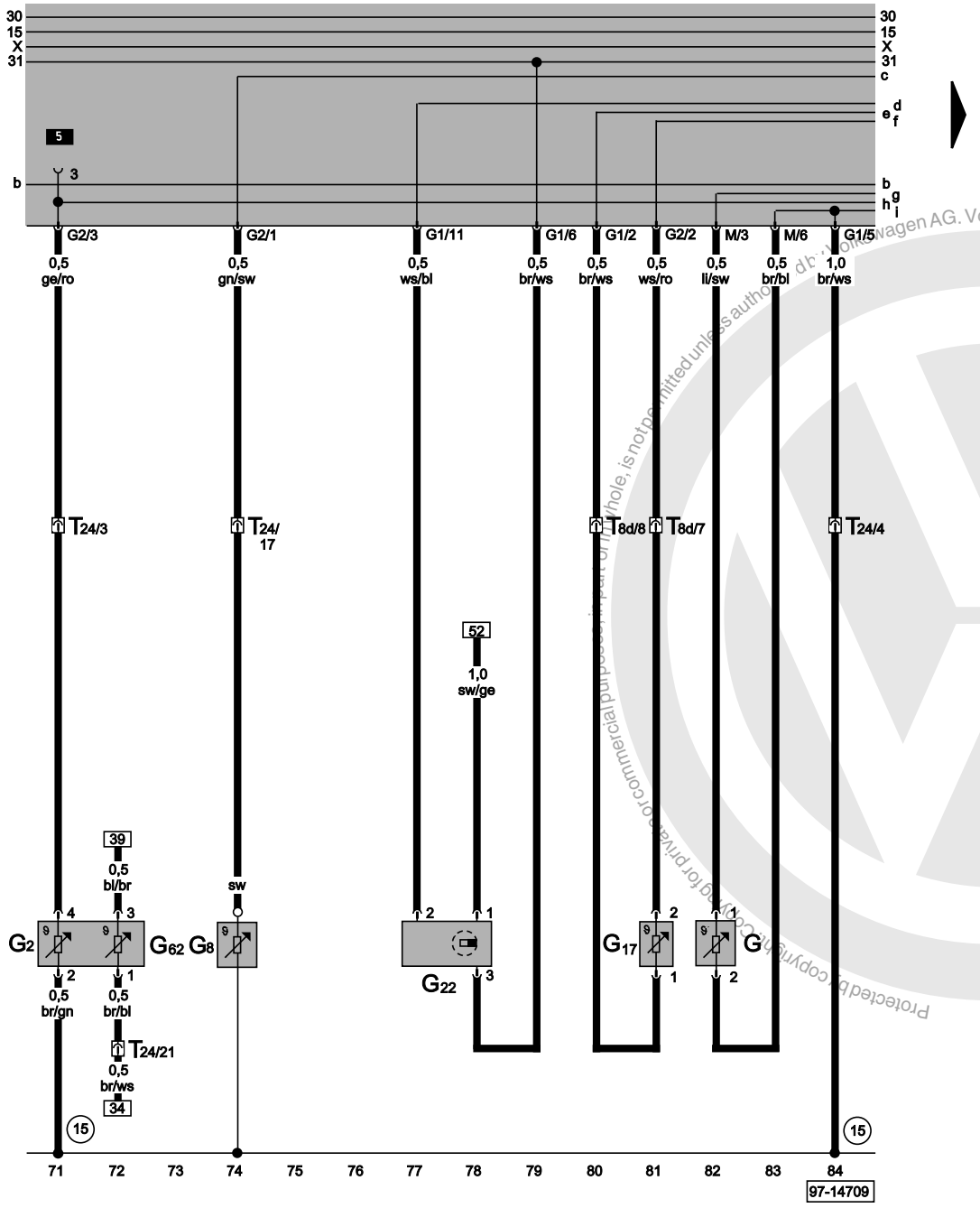

Multi–function display, speedometer sender, coolant temperature gauge

G	Fuel gauge sender
G2	Coolant temperature gauge sender
G8	Oil temperature sender
G17	Ambient temperature sensor
G22	Speedometer sender (hall sender, on gearbox)
G62	Coolant temperature sender
T8d	8-pin connector, near headlight, right
T24	24-pin connector, on cylinder head, left
(15)	Earth point, on cylinder head

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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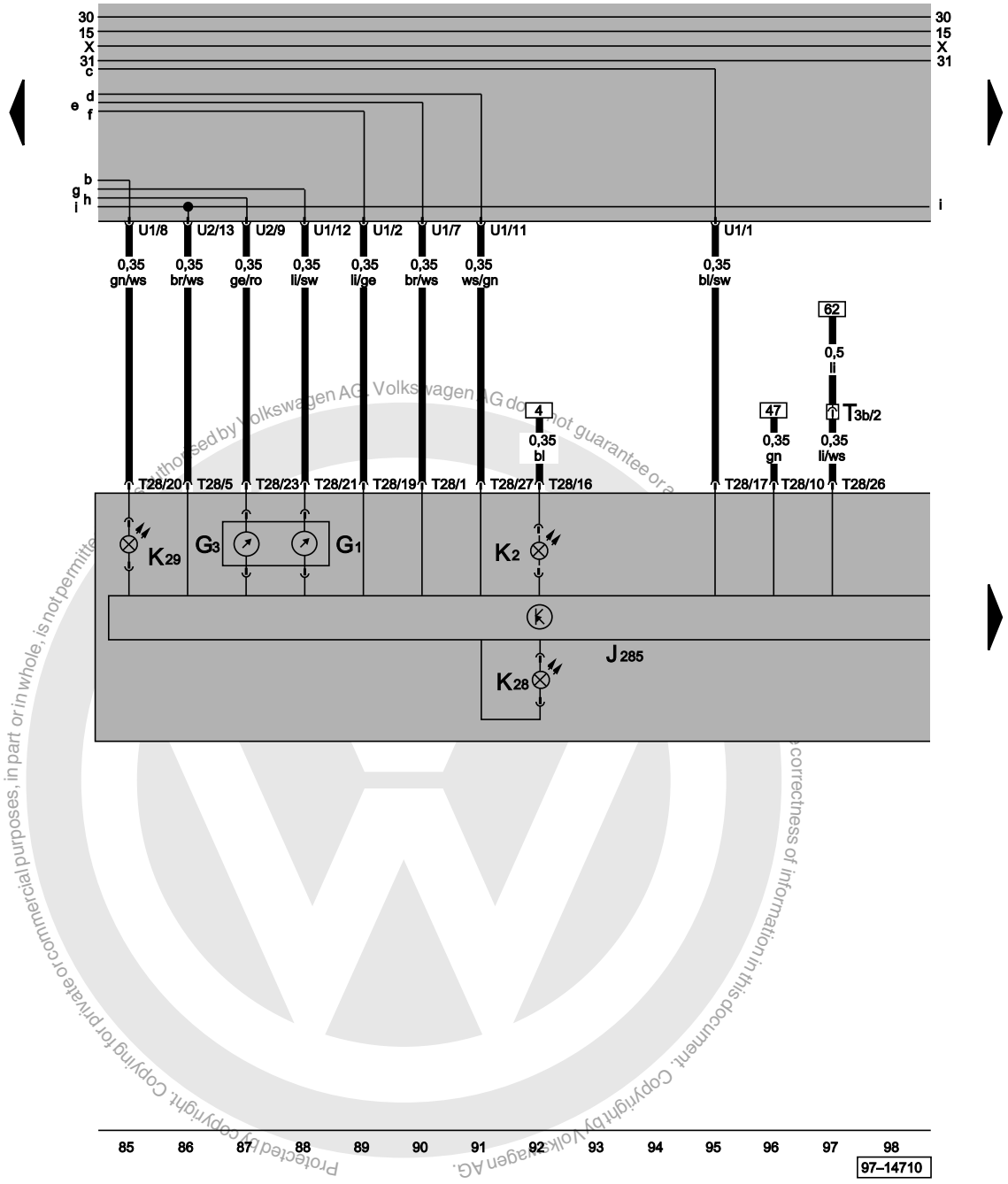

Dash panel insert, coolant shortage and coolant temperature indicator, fuel gauge

G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K29	Glow period warning lamp
T3b	3-pin connector, behind dash panel, left
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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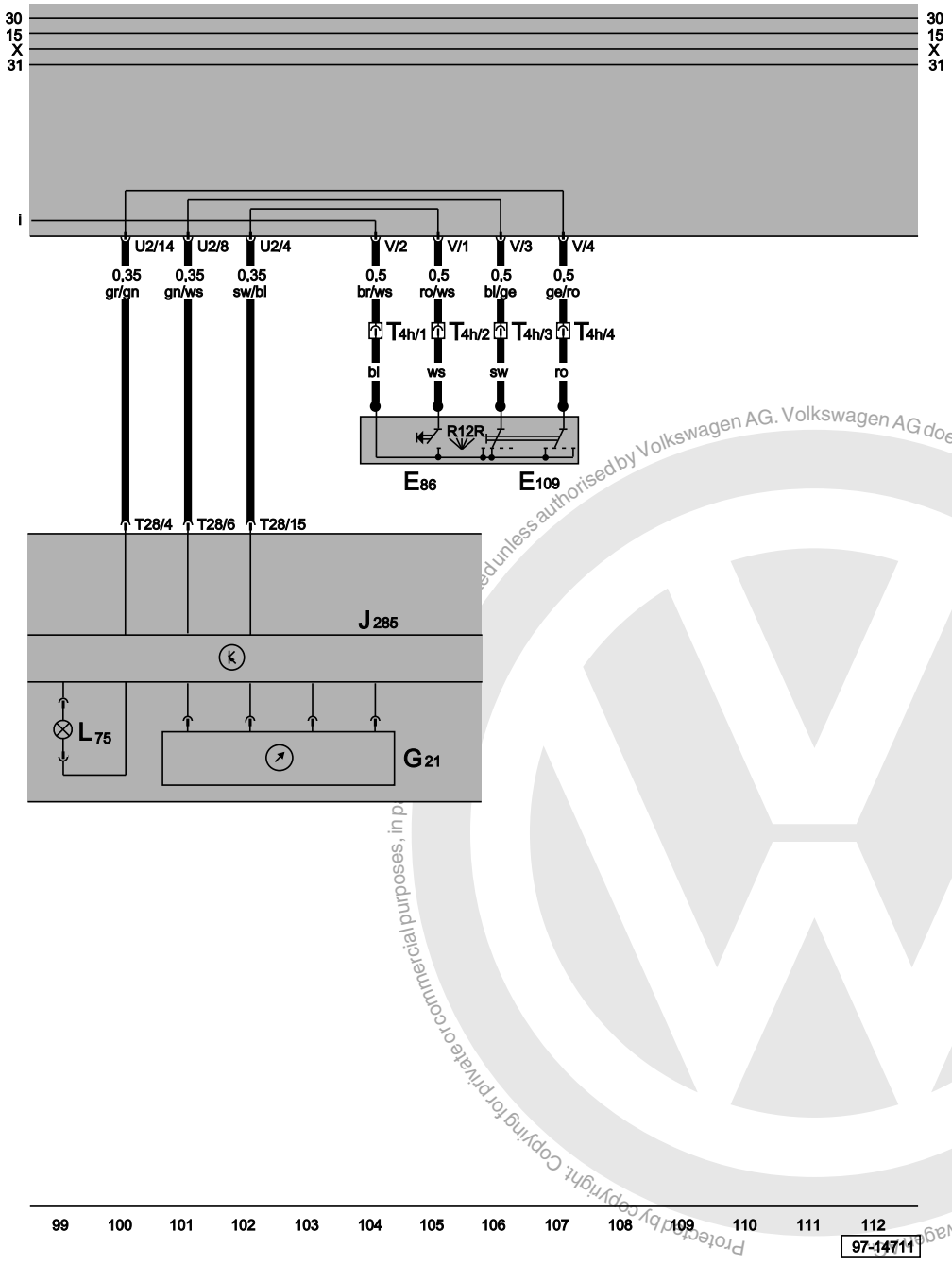

Dash panel insert, speedometer, multi–function display switch

E86	Multi-function display call-up button
E109	Multi-function display, memory switch
G21	Speedometer
J285	Control unit with display in dash panel insert
L75	Digital display illumination
T4h	4-pin connector, behind steering column switch trim
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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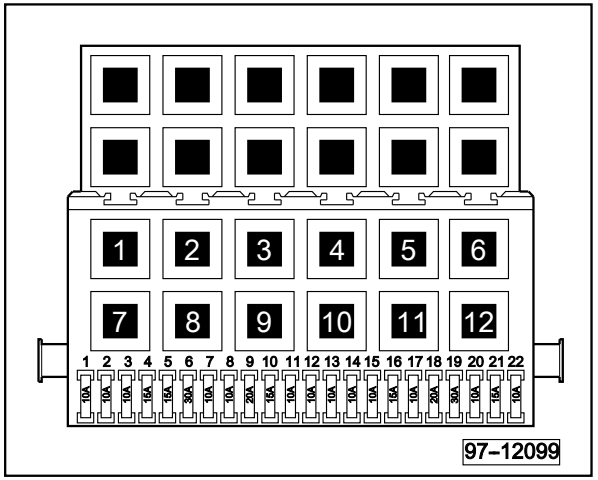
Caddy/ Polo Classic/ Polo Variant - Basic equipment

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



2 - Rear window wiper/washer relay (72)
4 - X contact relief relay (18)
6 - Hazard warning light relay (21)
8 - Automatic intermittent wash/wipe relay (19)
11 - Dual tone horn relay (53)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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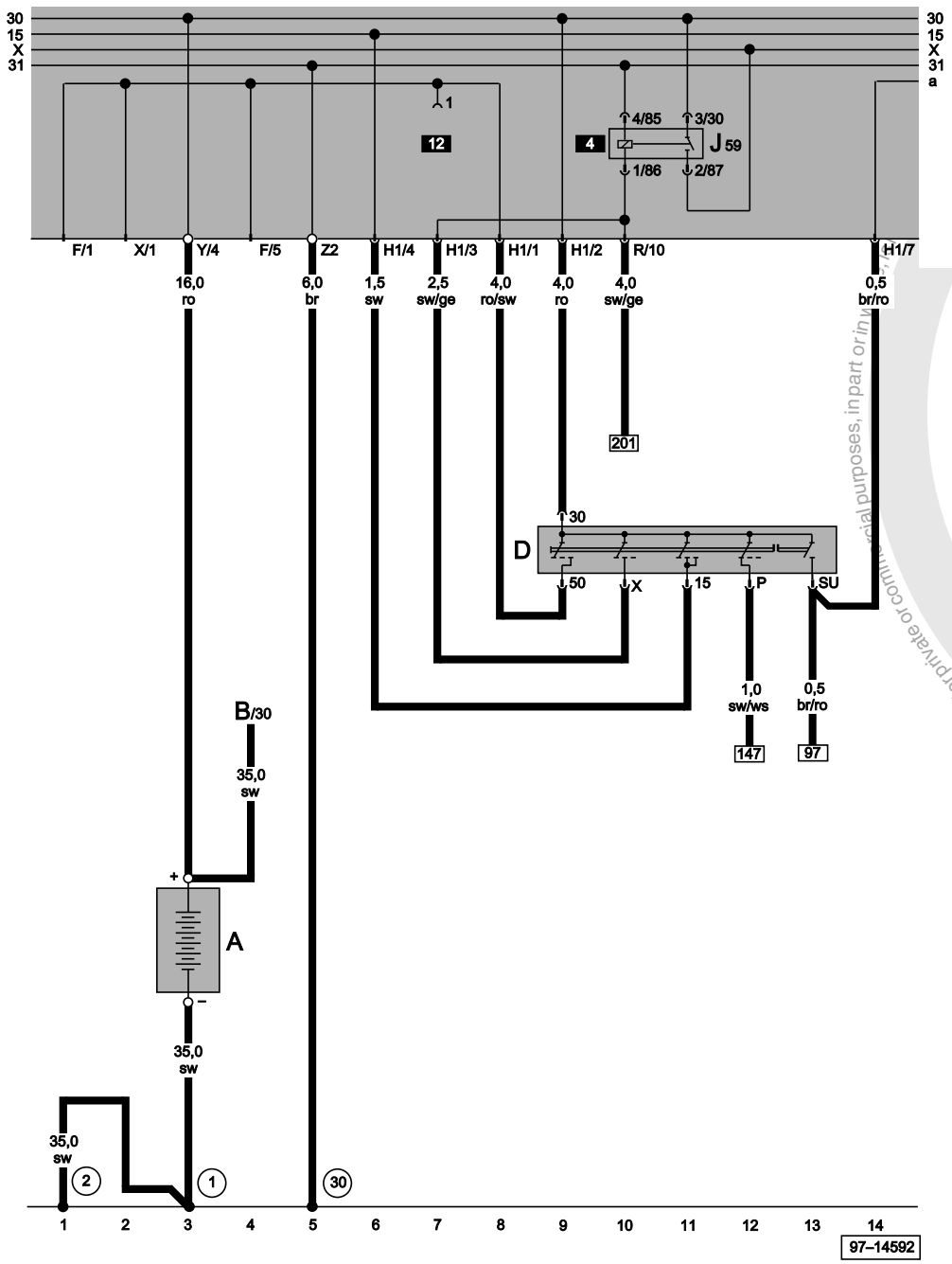

Battery, ignition/starter switch

A	Battery
B	Starter
D	Ignition/starter switch
J59	X contact relief relay
1	Earth strap, battery - body
2	Earth strap, gearbox - body
30	Earth point -1-, next to relay plate

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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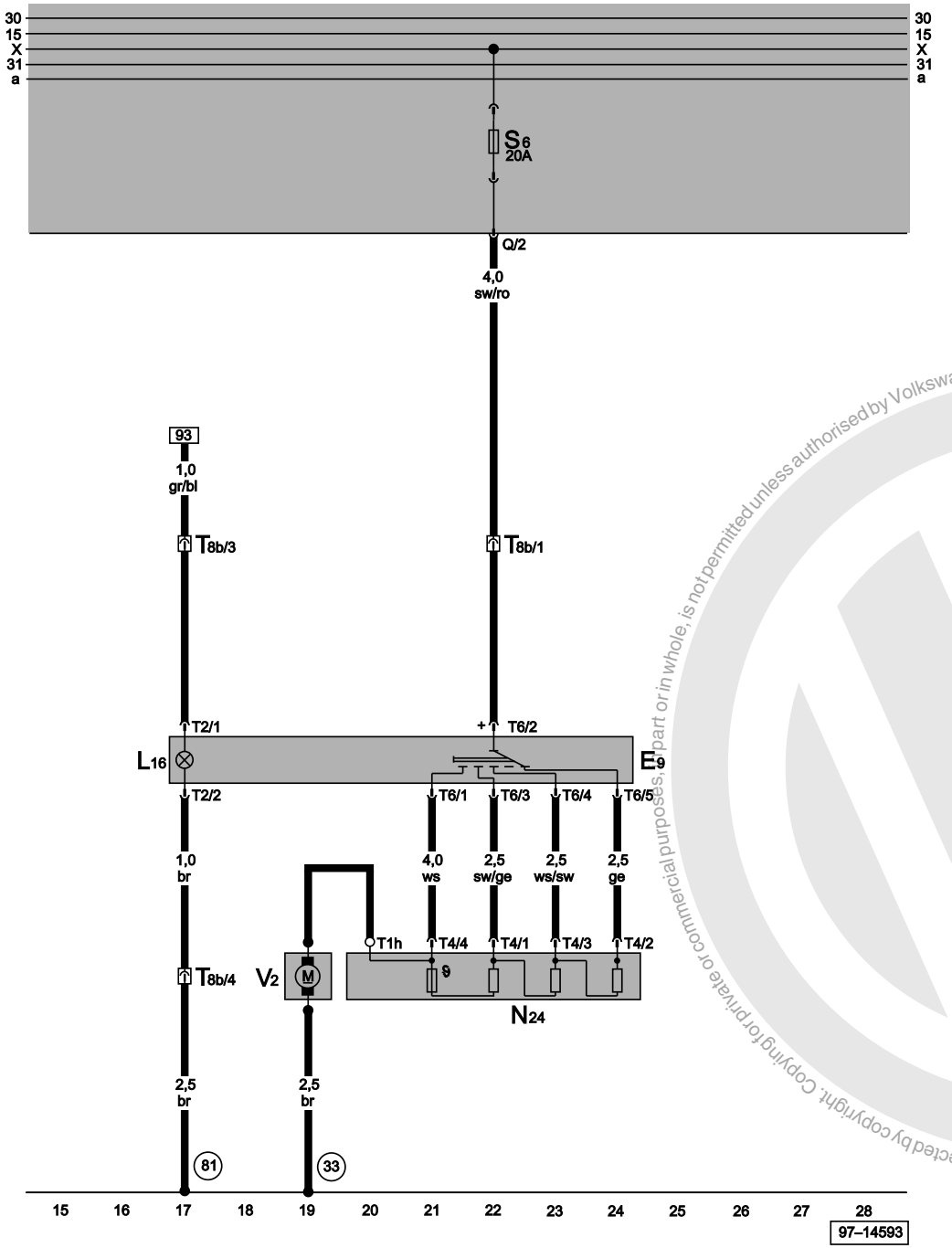

Fresh air blower

E9	Fresh air blower switch
L16	Fresh air control light bulb
N24	Fresh air blower with overheating fuse series resistor
T1h	Single connector, on fresh air blower series resistor
T2	2-pin connector, on fresh air blower switch
T4	4-pin connector, on fresh air blower switch
T6	6-pin connector, on fresh air blower switch
T8b	8-pin connector, behind dash panel
V2	Fresh air blower
33	Earth point, behind dash panel, right
81	Earth connection -1-, in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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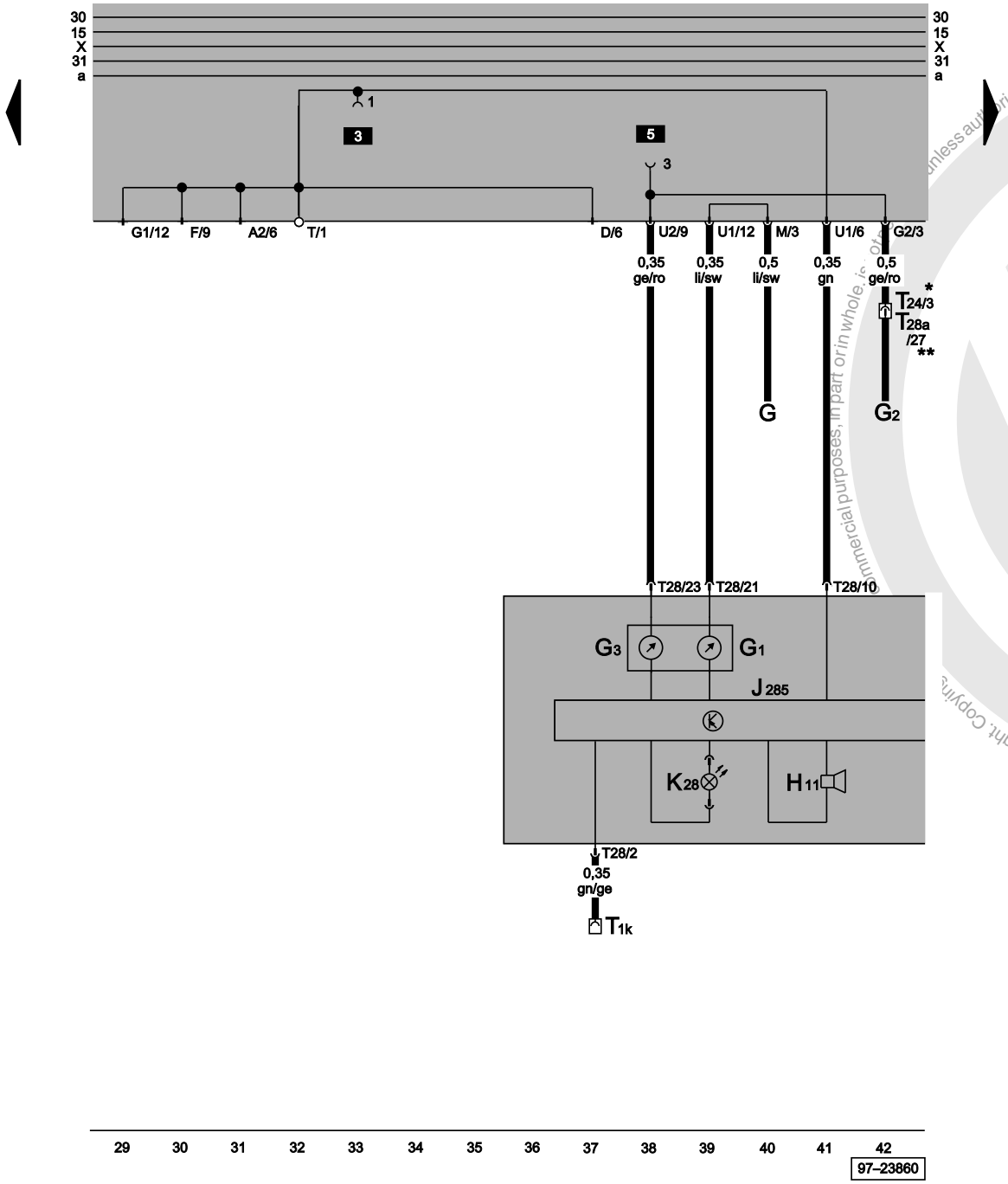

Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator

G	Fuel gauge sender
G1	Fuel gauge
G2	Coolant temperature sender
G3	Coolant temperature gauge
H11	Oil pressure warning buzzer
J285	Control unit with display in dash panel insert
K28	Coolant temperature/coolant shortage warning lamp
T1k	Single connector, for seat belt warning
T24	24-pin connector, on engine left
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left
*	Only models with diesel engine
**	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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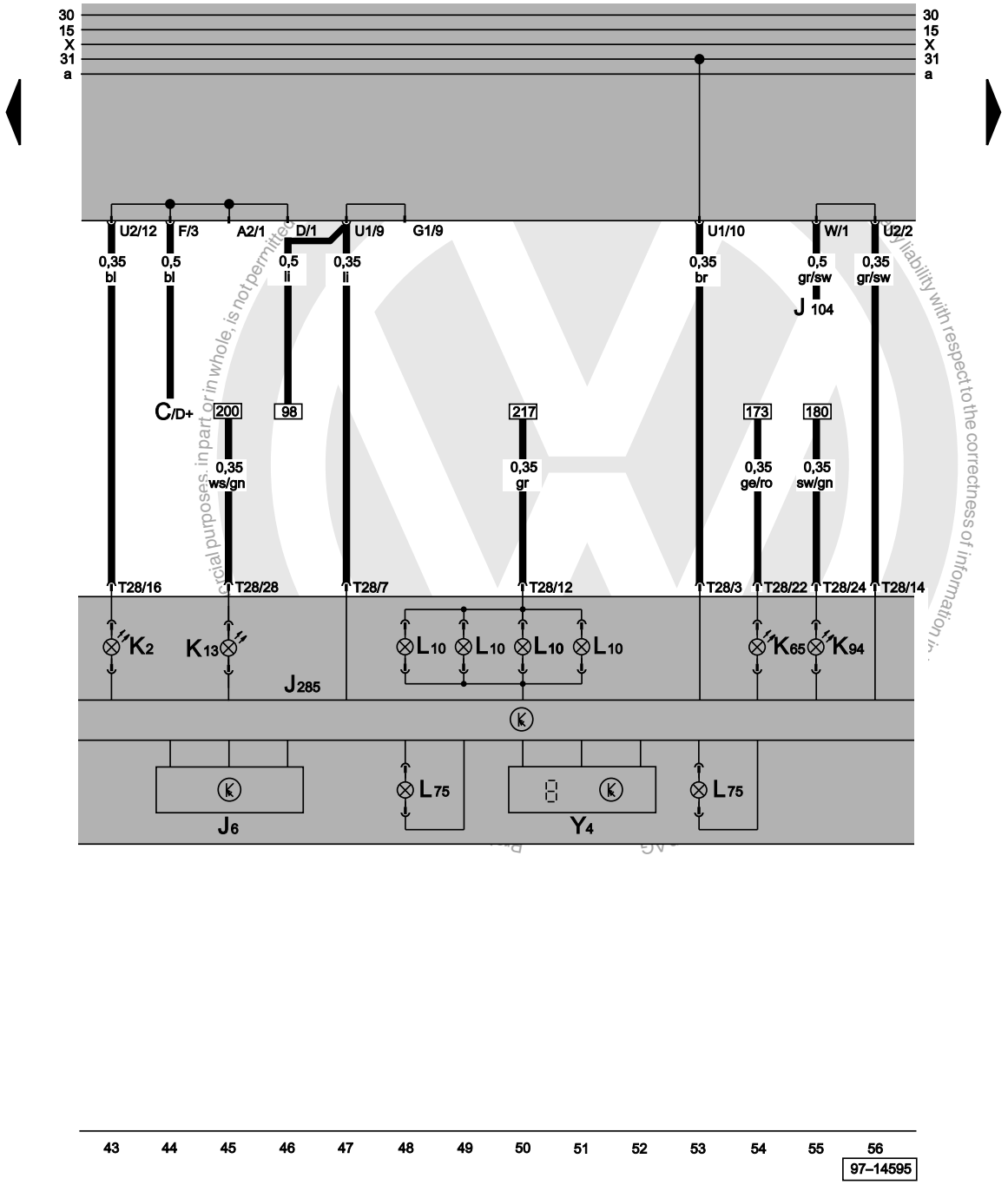
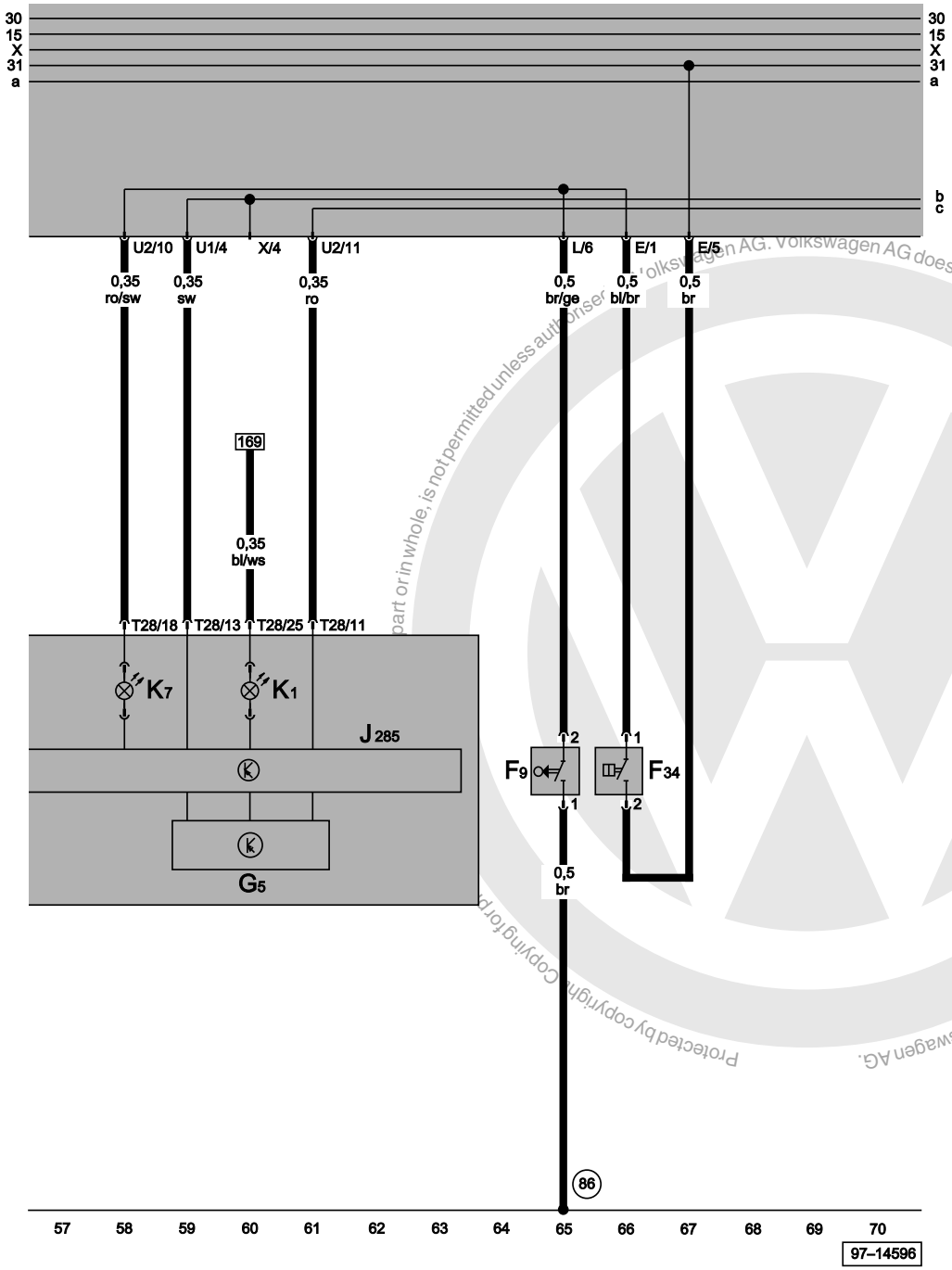


Dash panel insert, warning lamp, odometer display

C	Alternator
J6	Voltage stabiliser
J104	ABS with EDL control unit
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K13	Rear fog light warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
L10	Dash panel insert light bulb
L75	Digital display illumination
T28	28-pin connector, on dash panel insert
Y4	Odometer display

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Dash panel insert, rev. counter, handbrake warning switch and brake fluid level

F9	Handbrake warning switch
F34	Brake fluid level warning contact
G5	Rev. counter
J285	Control unit with display in dash panel insert
K1	Main beam warning lamp
K7	Dual circuit brake/handbrake warning lamp
T28	28-pin connector, on dash panel insert
86	Earth connection -1-, in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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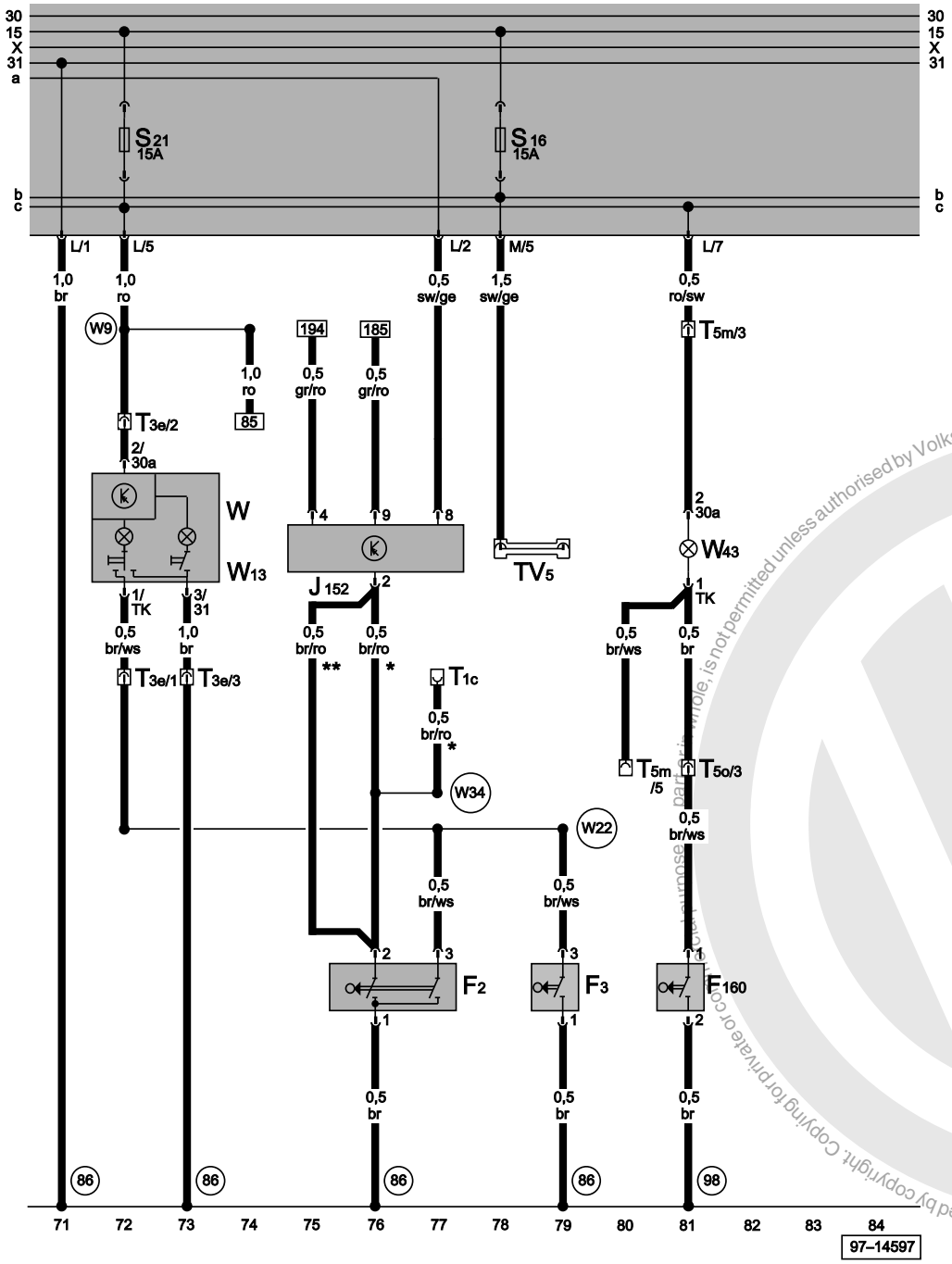

Door contact switch driver side, interior light, interior light, rear

F2	Door contact switch, driver's side
F3	Door contact switch, front passenger's side
F160	Door contact switch rear
J152	Warning buzzer for side light, above the relay plate
T1c	Single connector, behind dash panel, left
T3e	3-pin connector, behind dash panel, left
T5m	5-pin connector, near right tail light
T5o	5-pin connector, in tailgate/bootlid
TV5	Terminal 15a junction box, above the relay plate
W	Interior light, front
W13	Front passenger reading lamp
W43	Rear interior light, luggage compartment
86	Earth connection -1-, in rear wiring harness
98	Earth connection, in tailgate/bootlid wiring harness
W9	Positive (+) connection (30), in rear wiring harness
W22	Connection (door contact switch), in rear wiring harness
W34	Connection -2- (door contact switch), in rear wiring harness
*	Only models with diesel engines
**	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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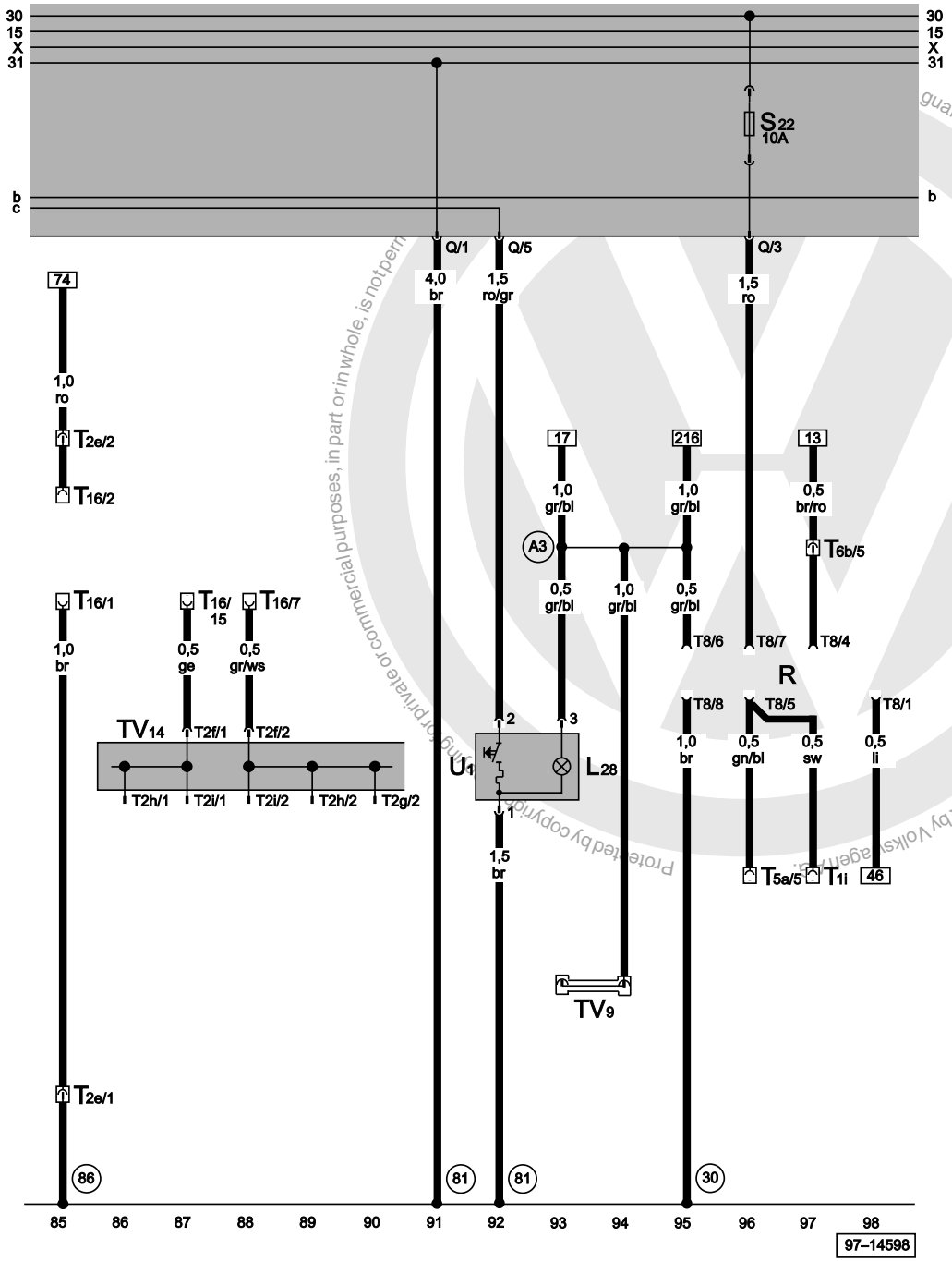

Terminal for self–diagnosis, cigarette lighter, connection for radio, self–diagnosis connection

L28	Cigarette lighter light bulb
R	Radio
R11	Aerial
T1i	Single connector, behind dash panel
T2e	2-pin connector, behind dash panel, left
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T2i	2-pin connector
T5a	2-pin connector, behind dash panel
T6b	6-pin connector, behind dash panel
T8	8-pin connector, on radio
T16	16-pin connector, self-diagnosis connection in left lower console
TV9	Terminal 58 junction box, above the relay plate
TV14	Terminal for self-diagnosis, behind relay plate
30	Earth point -1-, next to relay plate
81	Earth connection -1-, in wiring harness
86	Earth connection -1-, in rear wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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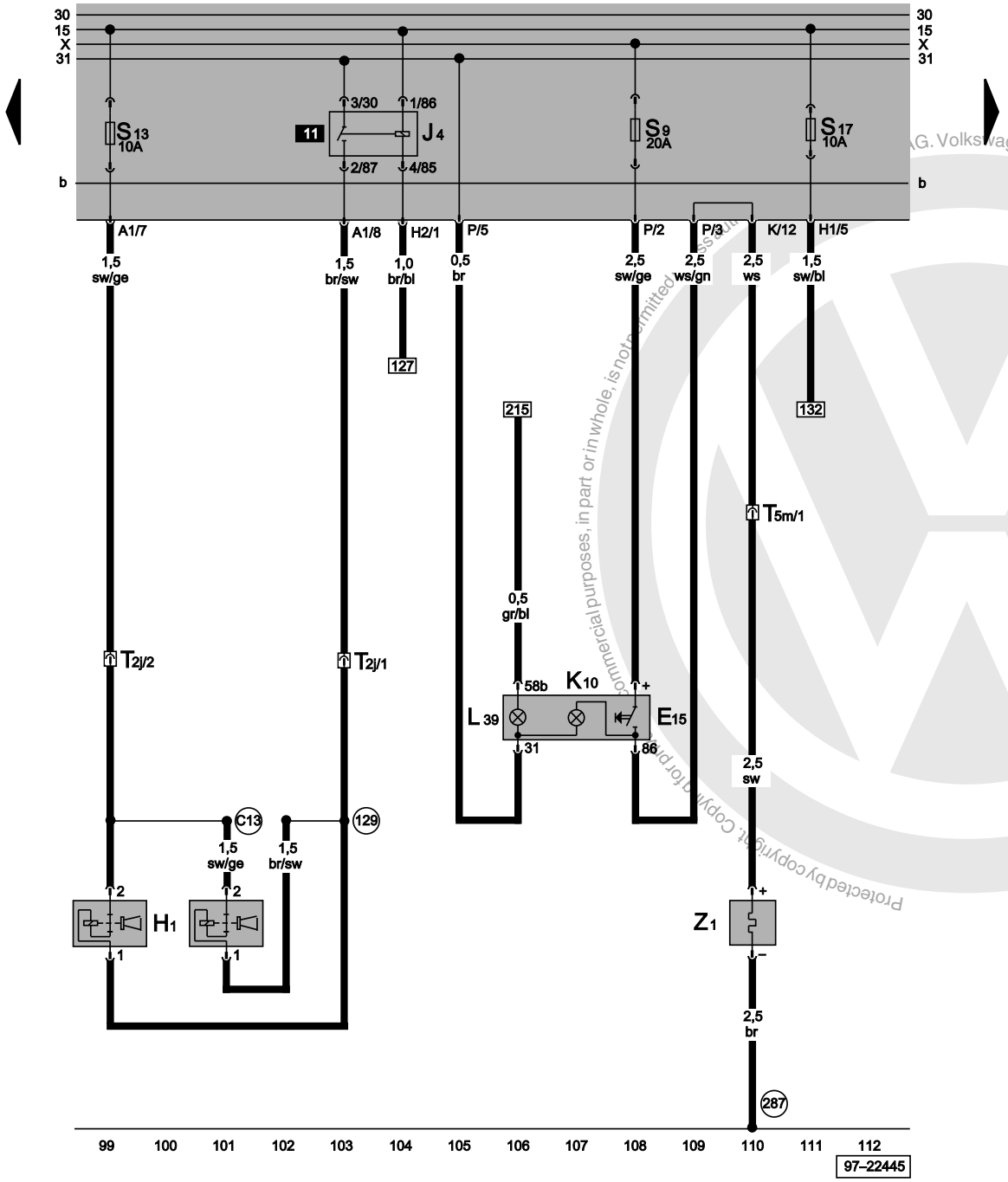

Dual tone horn, heated rear window

E15	Heated rear window switch
H1	Horn
J4	Dual tone horn relay
K10	Heated rear window warning lamp
L39	Heated rear window switch bulb
T2j	2-pin connector, in engine compartment, front
T5m	5-pin connector, near right tail light
Z1	Heated rear window
129	Earth connection, in dual tone horn wiring harness
287	Earth connection, in rear lid pre-wiring wiring harness
C13	Positive (+) connection, in dual tone horn wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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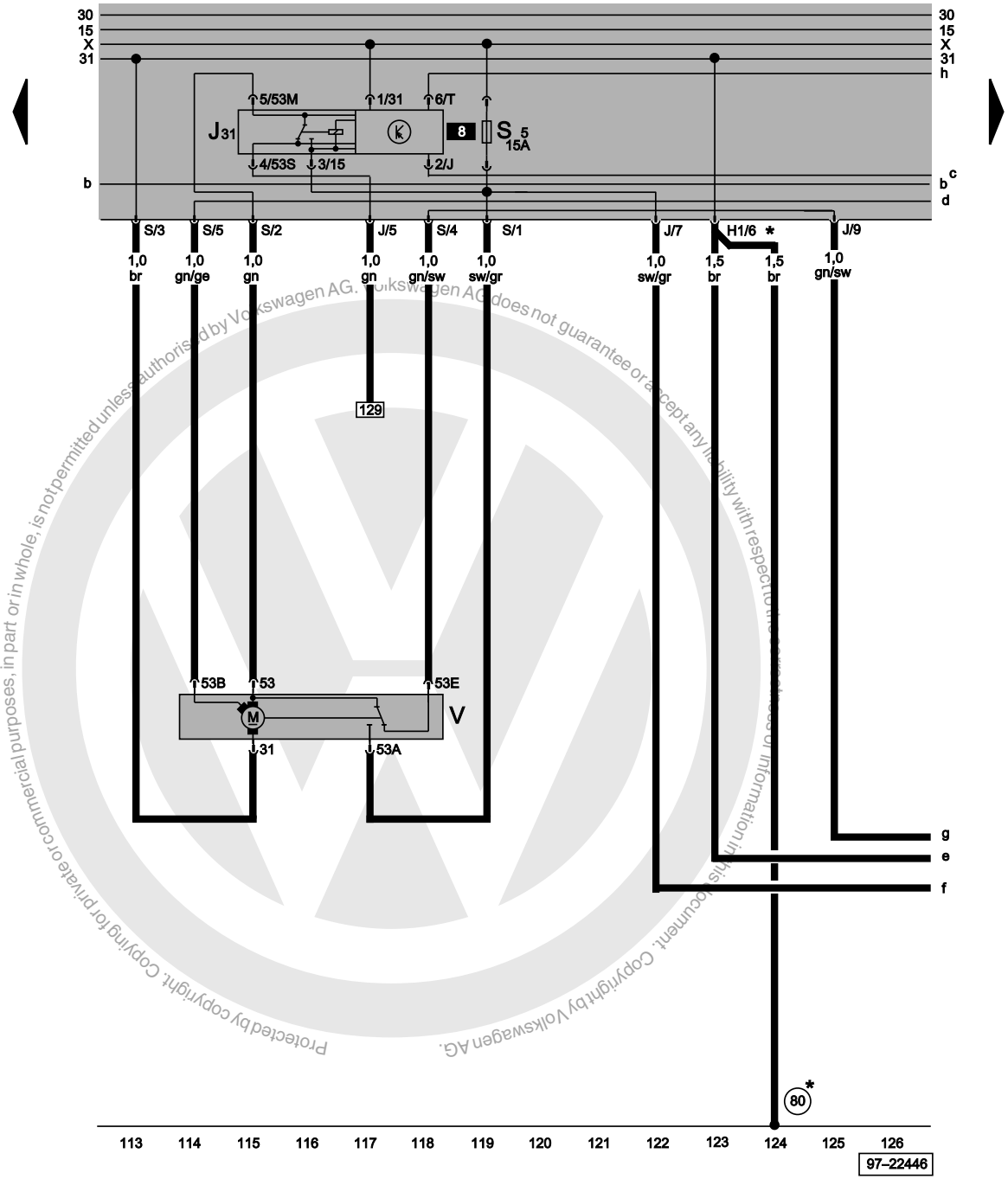

Windscreen washer/wiper system

J31	Automatic intermittent wash/wipe relay
V	Windscreen wiper motor
80	Earth connection -1-, in instruments wiring harness
*	Only Variant

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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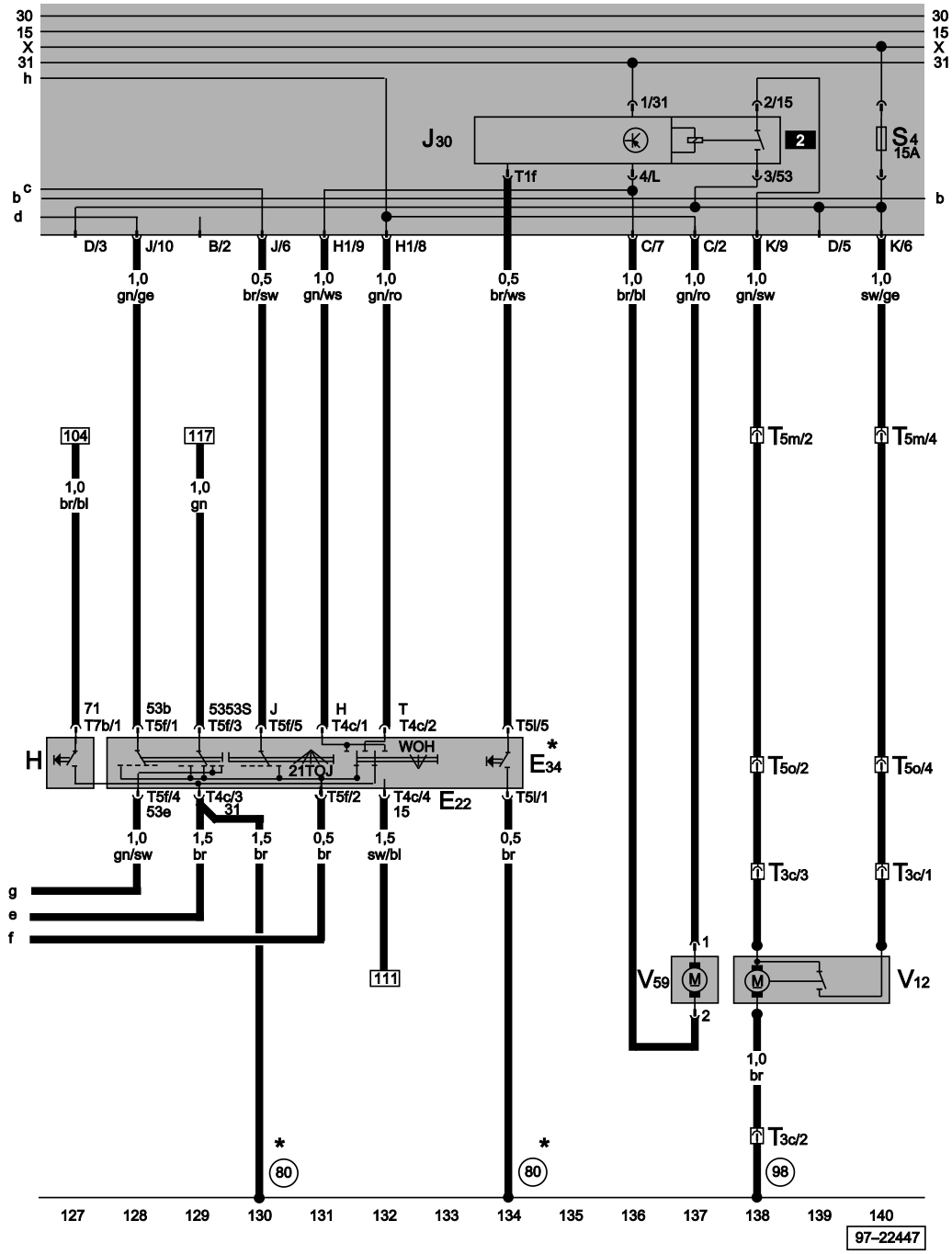

Rear window washer/wiper system

E22	Intermittent wiper switch
E34	Rear wiper switch
H	Horn plate
J30	Rear window wiper/washer relay
T1f	Single connector, on rear window wiper/washer relay
T3c	3-pin connector, in tailgate/bootlid, near wiper motor
T4c	4-pin connector, behind steering column switch trim
T5f	5-pin connector, behind steering column switch trim
T5m	5-pin connector, near right tail light
T5o	5-pin connector, in tailgate/bootlid
T7b	7-pin connector, behind steering column switch trim
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
80	Earth connection -1-, in instruments wiring harness
98	Earth connection, in tailgate/bootlid wiring harness
*	Only Variant

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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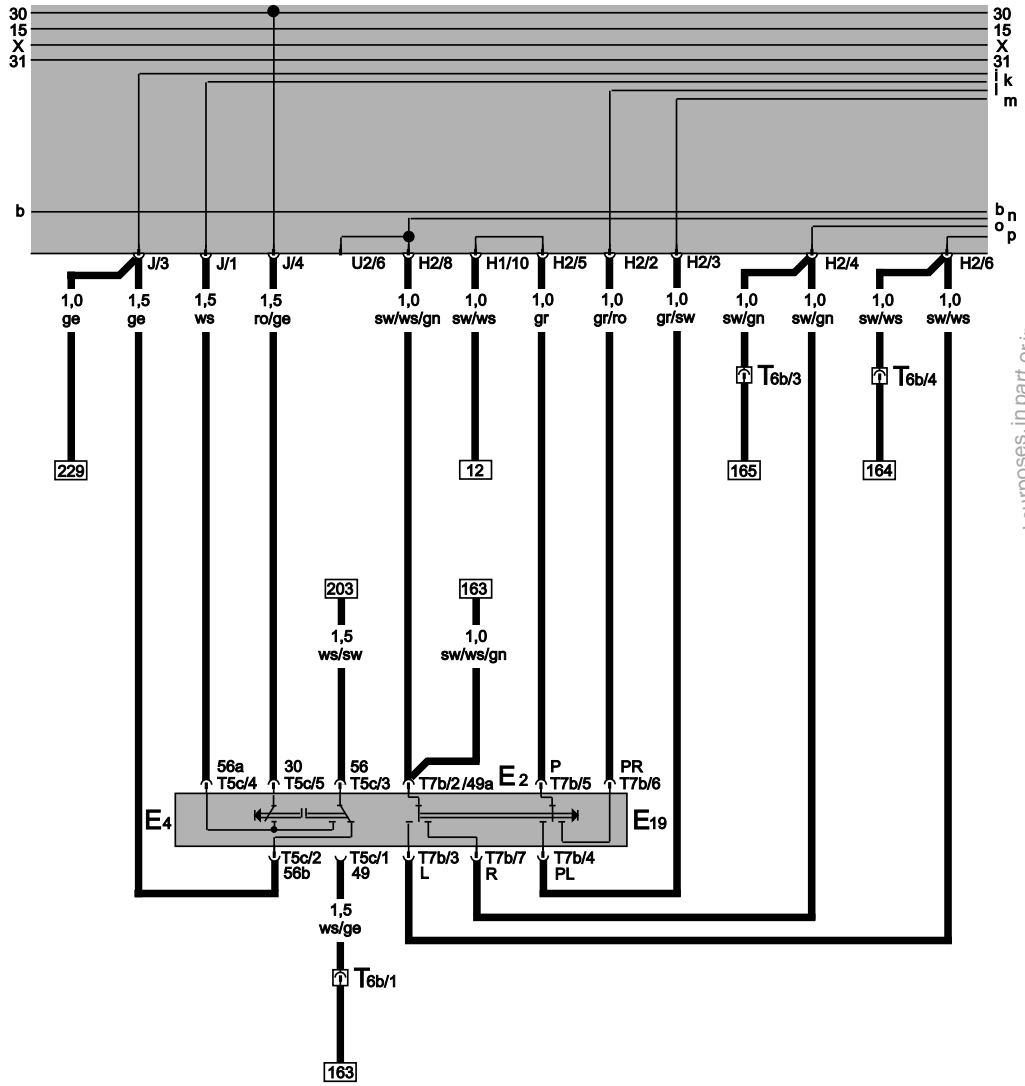

Headlight dipper/flasher switch, turn signal switch, parking light switch

E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
T5c	5-pin connector, behind steering column switch trim
T6b	6-pin connector, behind dash panel
T7b	7-pin connector, behind steering column switch trim

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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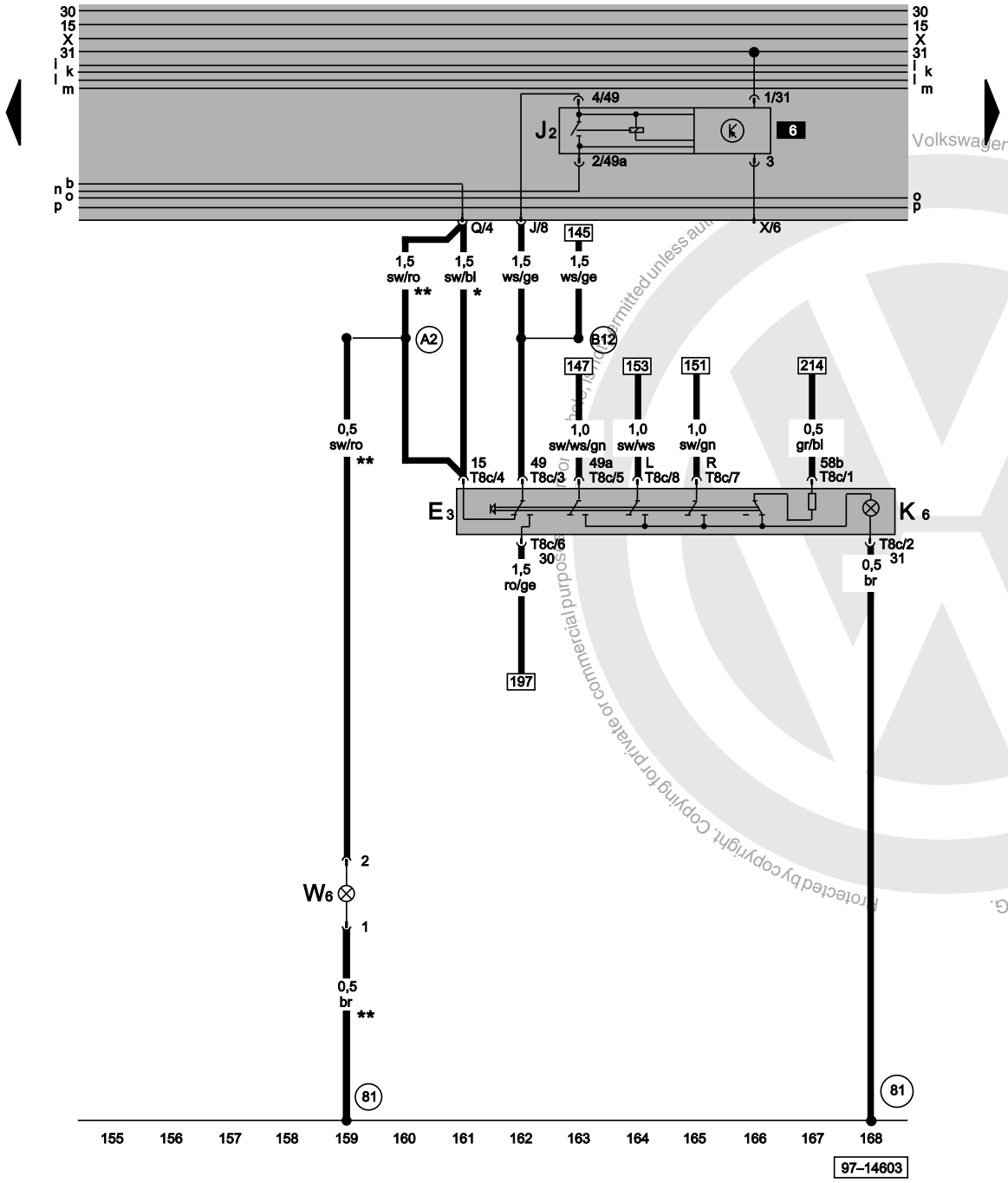

Hazard warning lights, glove box light

E3	Hazard warning light switch
J2	Hazard warning light relay
K6	Hazard warning light system warning lamp
T8c	8-pin connector, on hazard warning light switch
W6	Glove box light
81	Earth connection -1-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
B12	Connection (49), in steering column switch wiring harness
*	Without cigarette lighter
**	With cigarette lighter

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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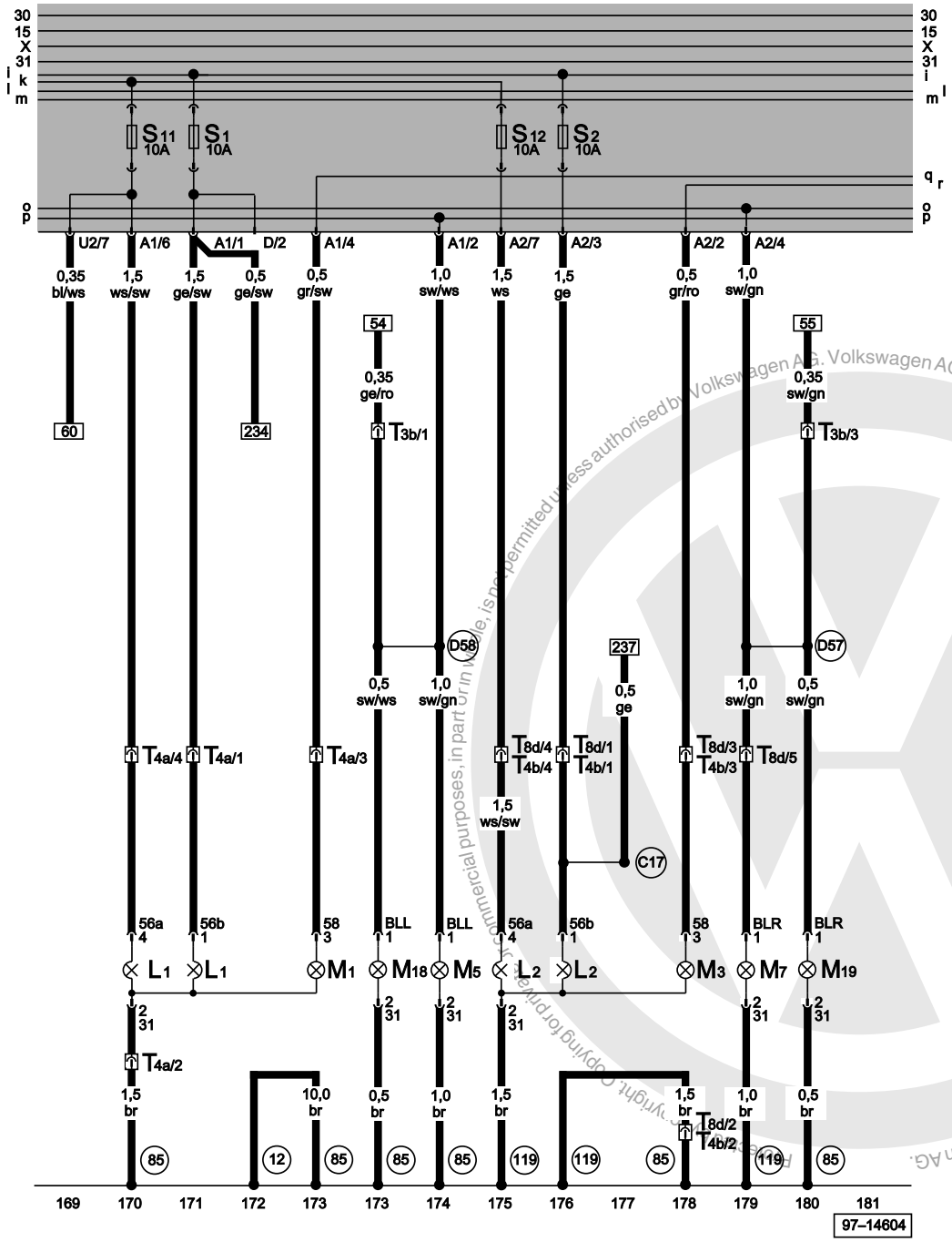

Headlights, side light, front turn signal

L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
M1	Side light bulb, left
M3	Side light bulb, right
M5	Turn signal bulb, front left
M7	Turn signal bulb, front right
M18	Side turn signal bulb, left
M19	Side turn signal bulb, right
T3b	3-pin connector, behind dash panel, left
T4a	4-pin connector, near headlight, left
T4b	4-pin connector, near headlight, right (not fitted on all engine variants)
T8d	8-pin connector, near headlight, right (not fitted on all engine variants)
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
119	Earth connection -1-, in headlight wiring harness
C17	Connection (56b) -1-, in front lighting wiring harness
D57	Connection (right turn signal), in engine compartment wiring harness
D58	Connection (left turn signal) -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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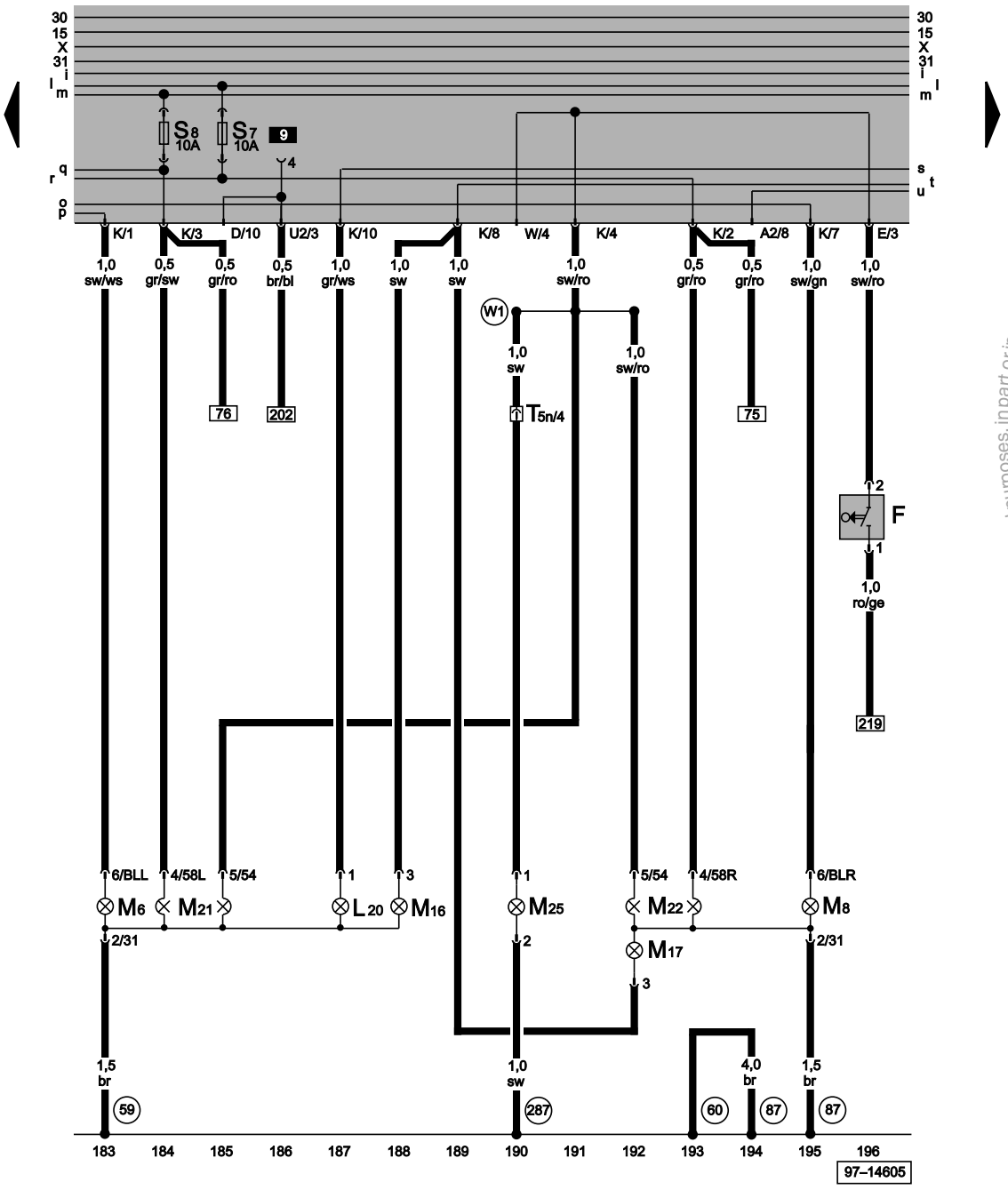

Turn signal bulb rear, brake light, tail lights, rear fog light, reversing light

F	Brake light switch
L20	Rear fog light bulb
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M16	Reversing light bulb, left
M17	Reversing light bulb, right
M21	Brake and tail light bulb, left
M22	Brake and tail light bulb, right
M25	High level brake light bulb (qty. 10)
T5n	5-pin connector, near left tail light
59	Earth point, near left tail light
60	Earth point -2-, near right tail light
87	Earth connection -2-, in rear wiring harness
287	Earth connection, in rear lid pre-wiring wiring harness
W1	Positive (+) connection (54), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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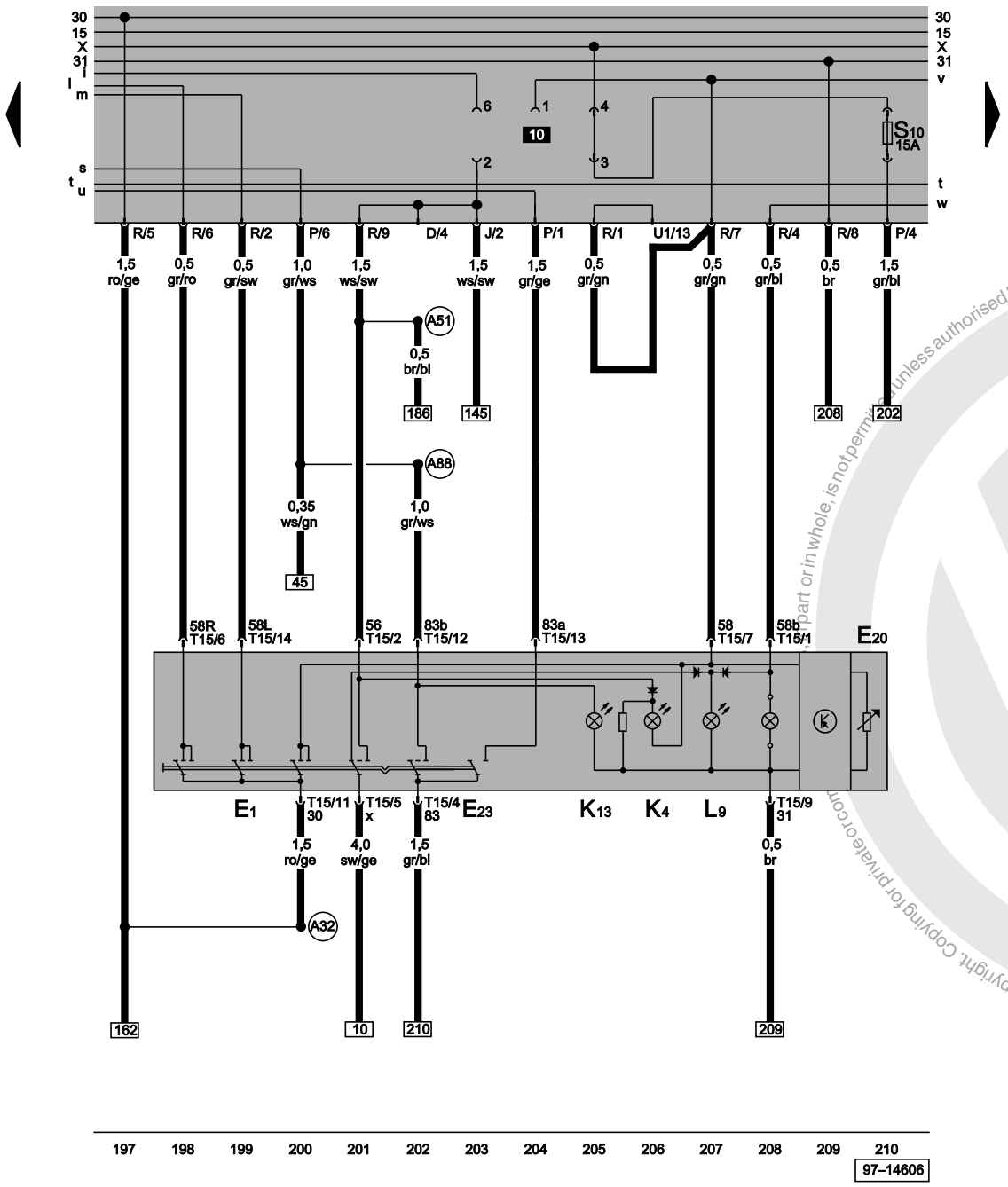

Lighting switch

E1	Lighting switch
E20	Switches and instruments, lighting control
E23	Front and rear fog light switch
K4	Side light warning lamp
K13	Rear fog light warning lamp
L9	Lighting switch light bulb
T15	15-pin connector, on lighting switch
A32	Positive (+) connection (30), in dash panel wiring harness
A51	Positive (+) connection (56), in dash panel wiring harness
A88	Positive (+) connection (rear fog light), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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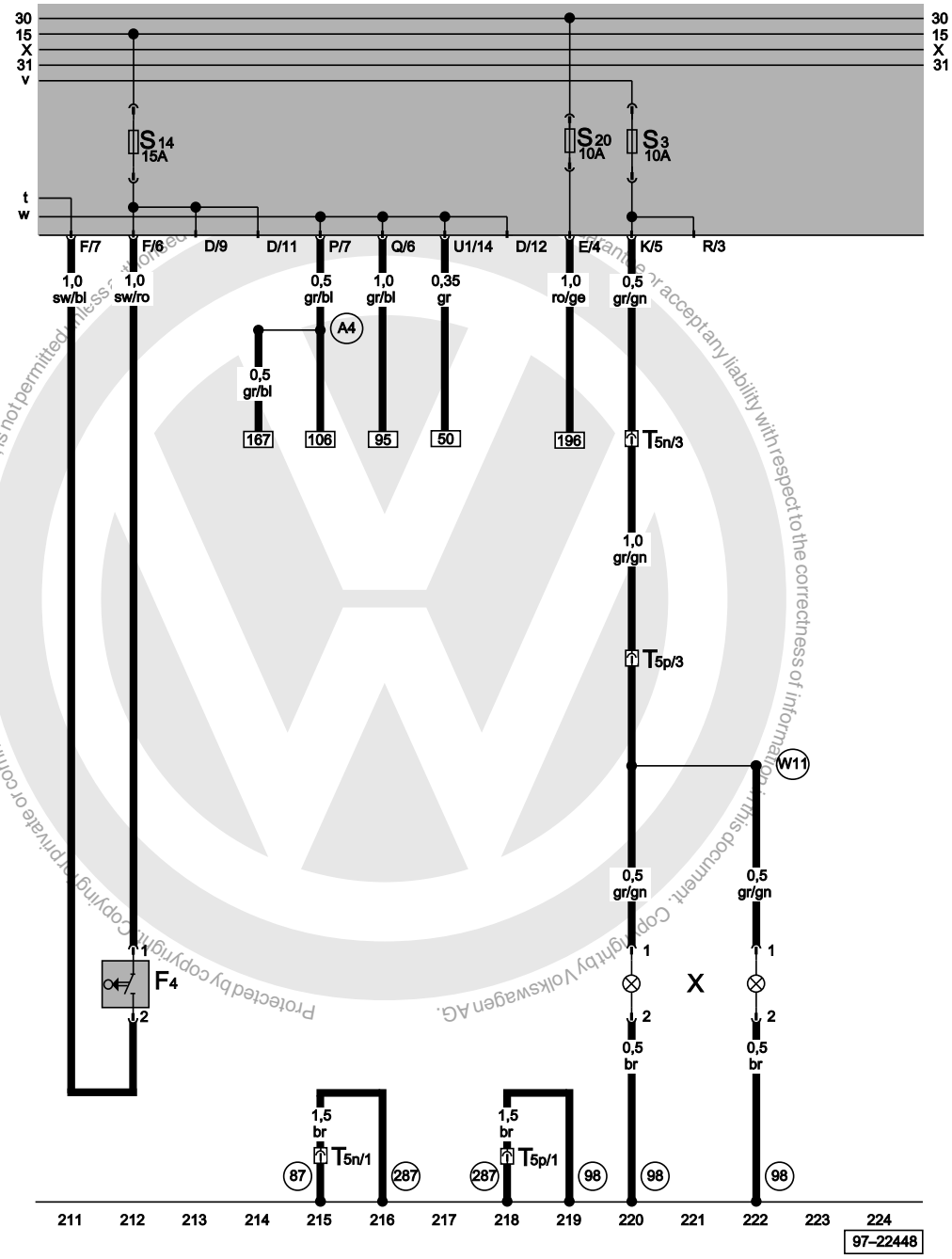

Number plate light, reversing light switch

F4	Reversing light switch
T5n	5-pin connector, near left tail light
T5p	5-pin connector, in tailgate/bootlid
X	Number plate light
287	Earth connection, in rear lid pre-wiring wiring harness
87	Earth connection -2-, in rear wiring harness
98	Earth connection, in tailgate/bootlid wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
W11	Connection (58), in tailgate/bootlid wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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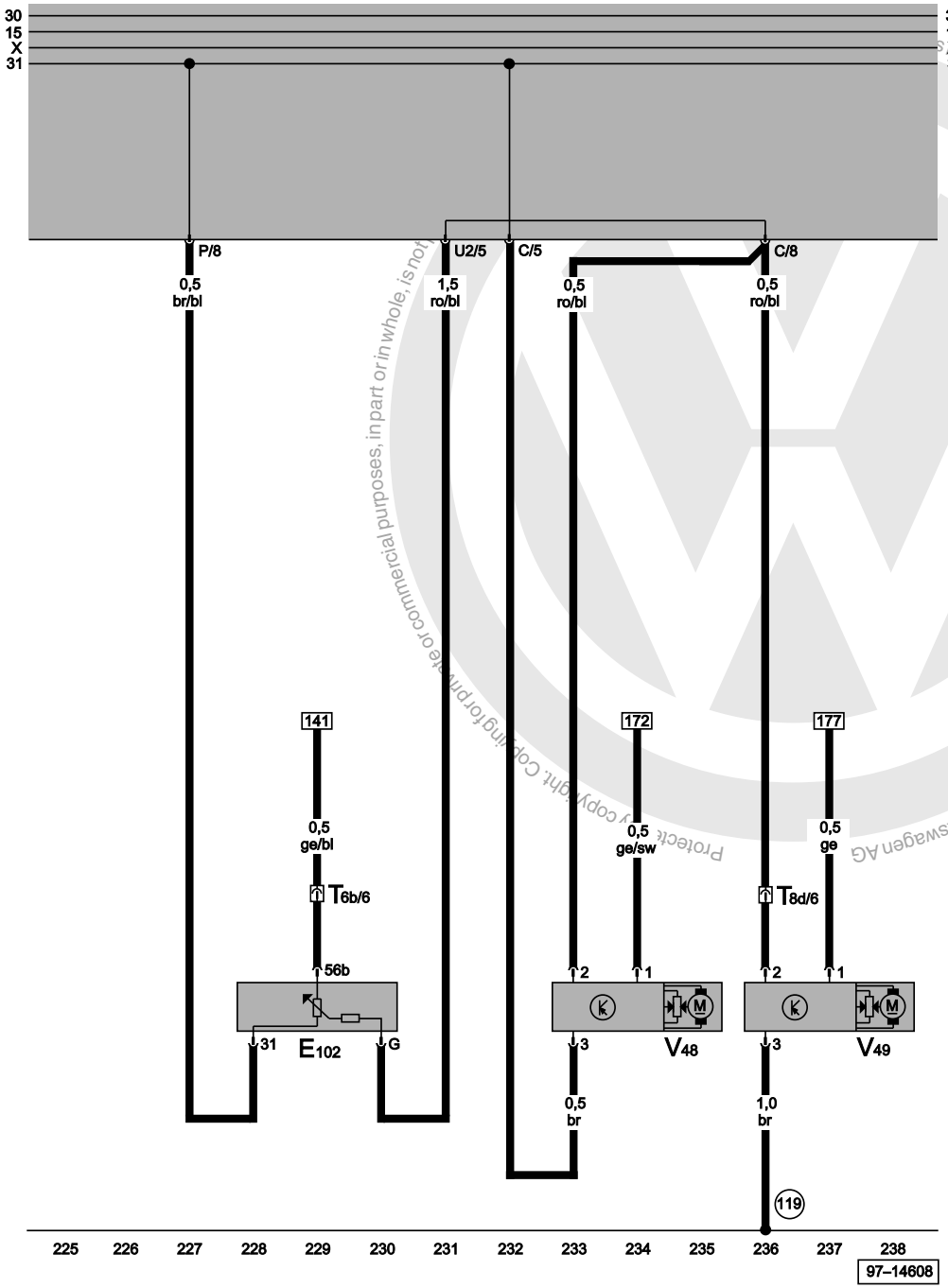

Headlight range control

E102	Headlight range control adjuster
T6b	6-pin connector, behind dash panel
T8d	8-pin connector, near headlight, right
V48	Headlight range control motor, left
V49	Headlight range control motor, right
119	Earth connection -1-, in headlight wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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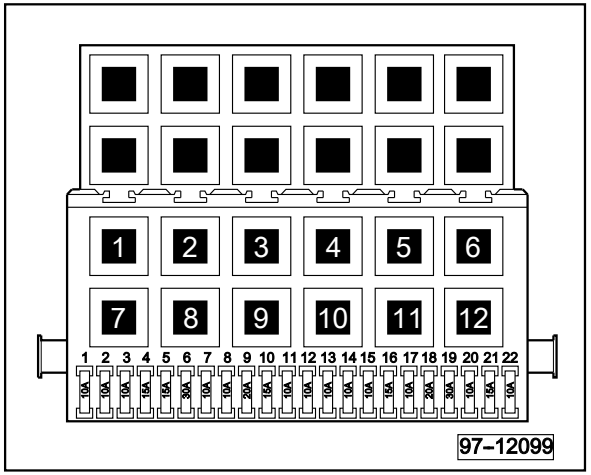
1.9 l/47 kW diesel engine, engine codes AEY

From August 1997

1.7 l/42 kW diesel engine, engine codes AHB

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Terminal 30 voltage supply relay (109)
12 - Glow plug relay (103)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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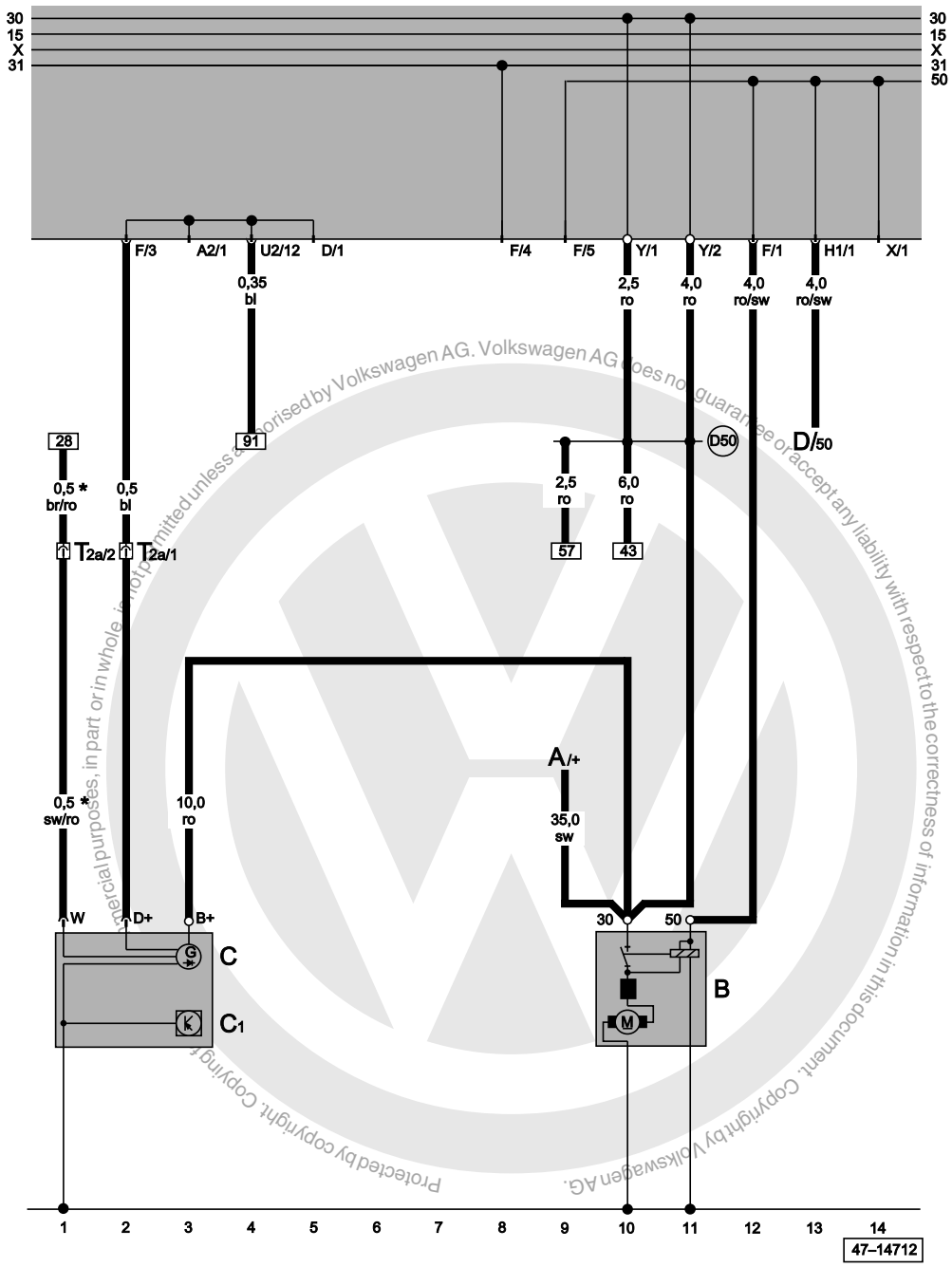

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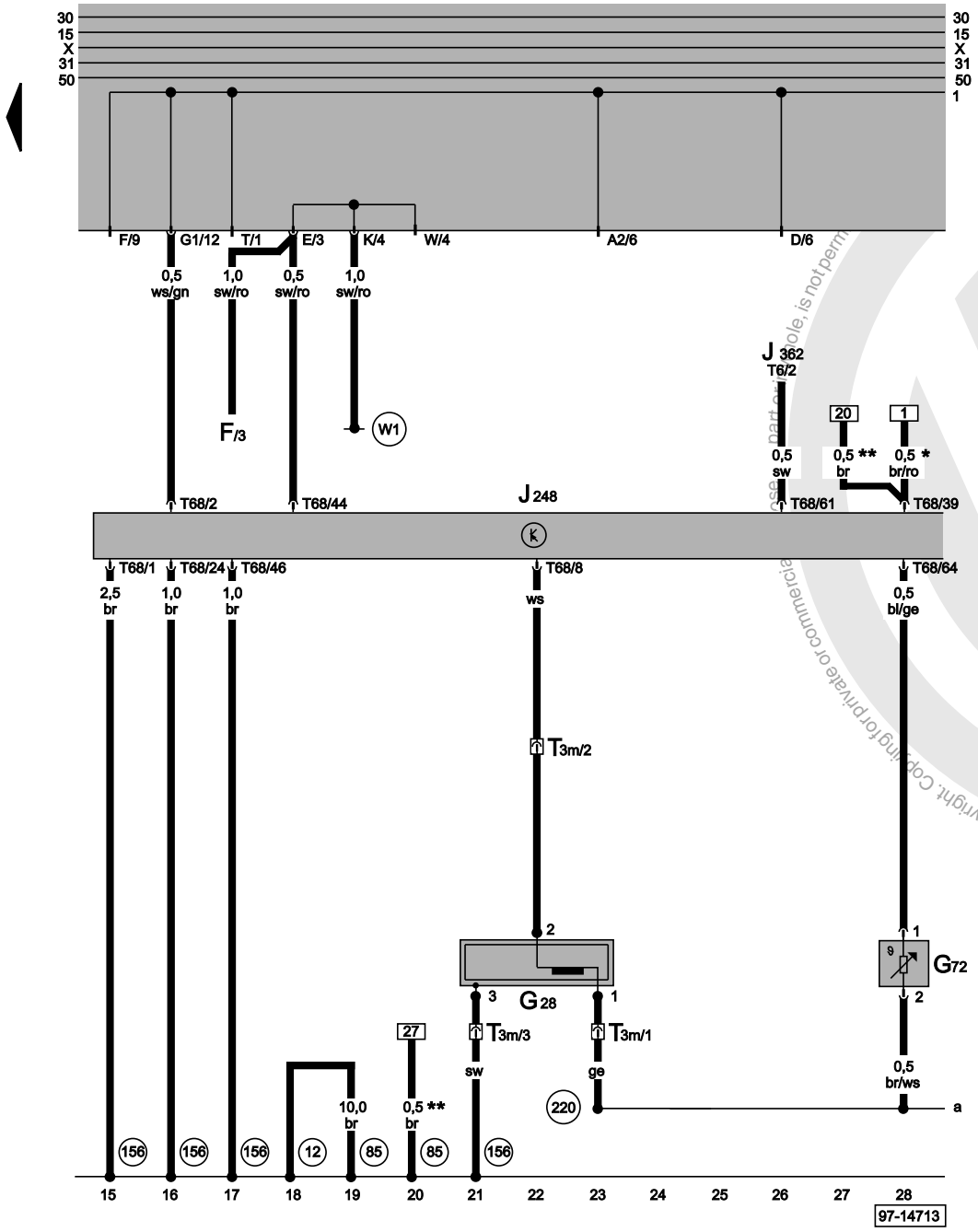
Battery, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2a	2-pin connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness
*	Only models with coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Diesel direct injection system control unit, engine speed sender, intake manifold temperature sender

F	Brake light switch
G28	Engine speed sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J362	Immobilizer control unit, behind dash panel, left
T3m	3-pin connector, on cylinder head, left
T6	6-pin connector, on immobilizer control unit
T68	68-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness
W1	Positive (+) connection (54), in rear wiring harness
*	Only models with coolant heater element
**	Only models without coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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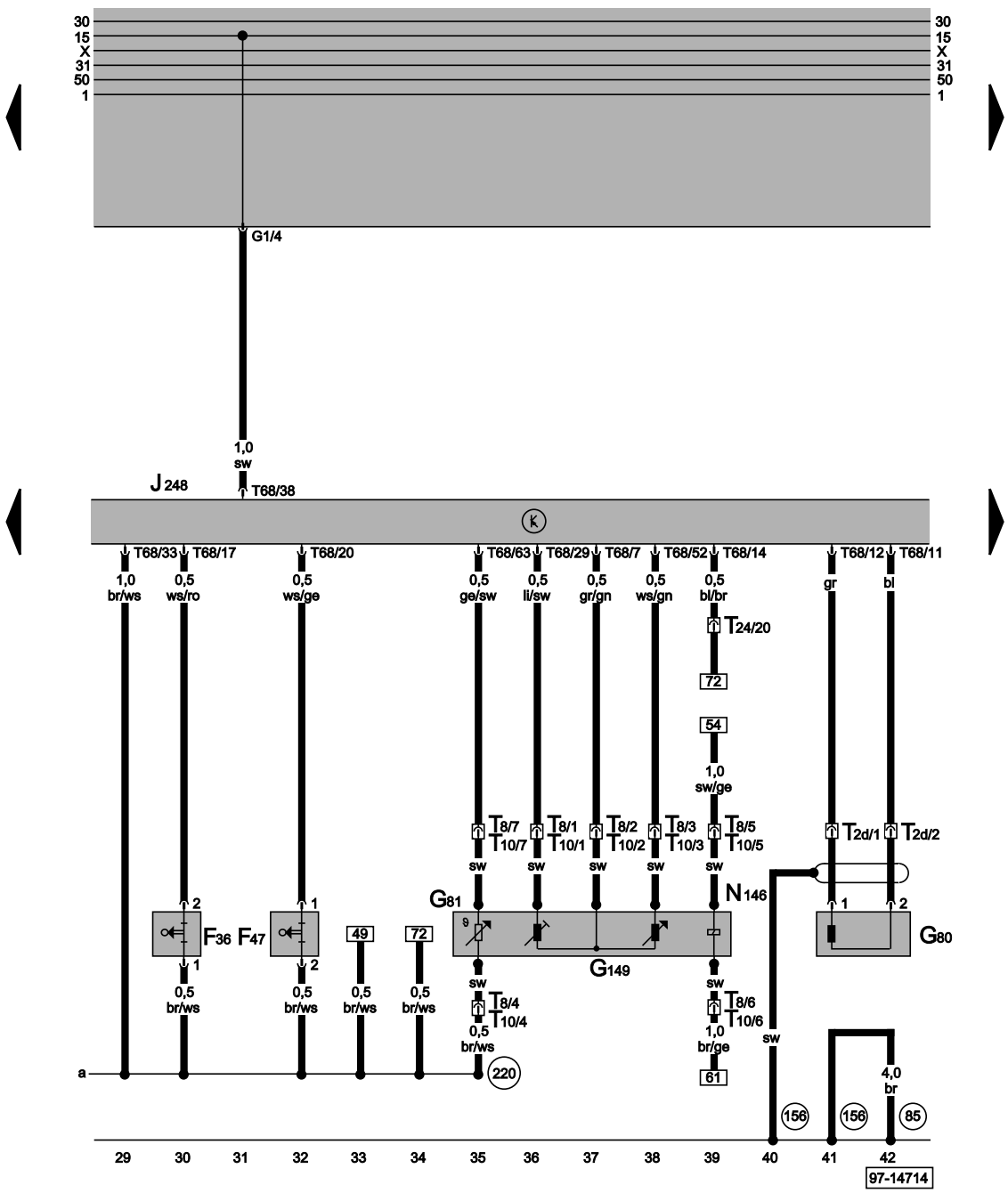

Diesel direct injection system control unit, metering adjuster, needle lift sender, fuel temperature sender, modulating piston movement sender

F36	Clutch pedal switch
F47	Cruise control system brake pedal switch/diesel direct inj. system
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit, in plenum chamber, right
N146	Metering adjuster
T2d	2-pin connector, on cylinder head, left, near injection pump
T8	8-pin connector, on the injection pump (only models with engine code AEY)
T10	10-pin connector, on the injection pump (only models with engine code AHB)
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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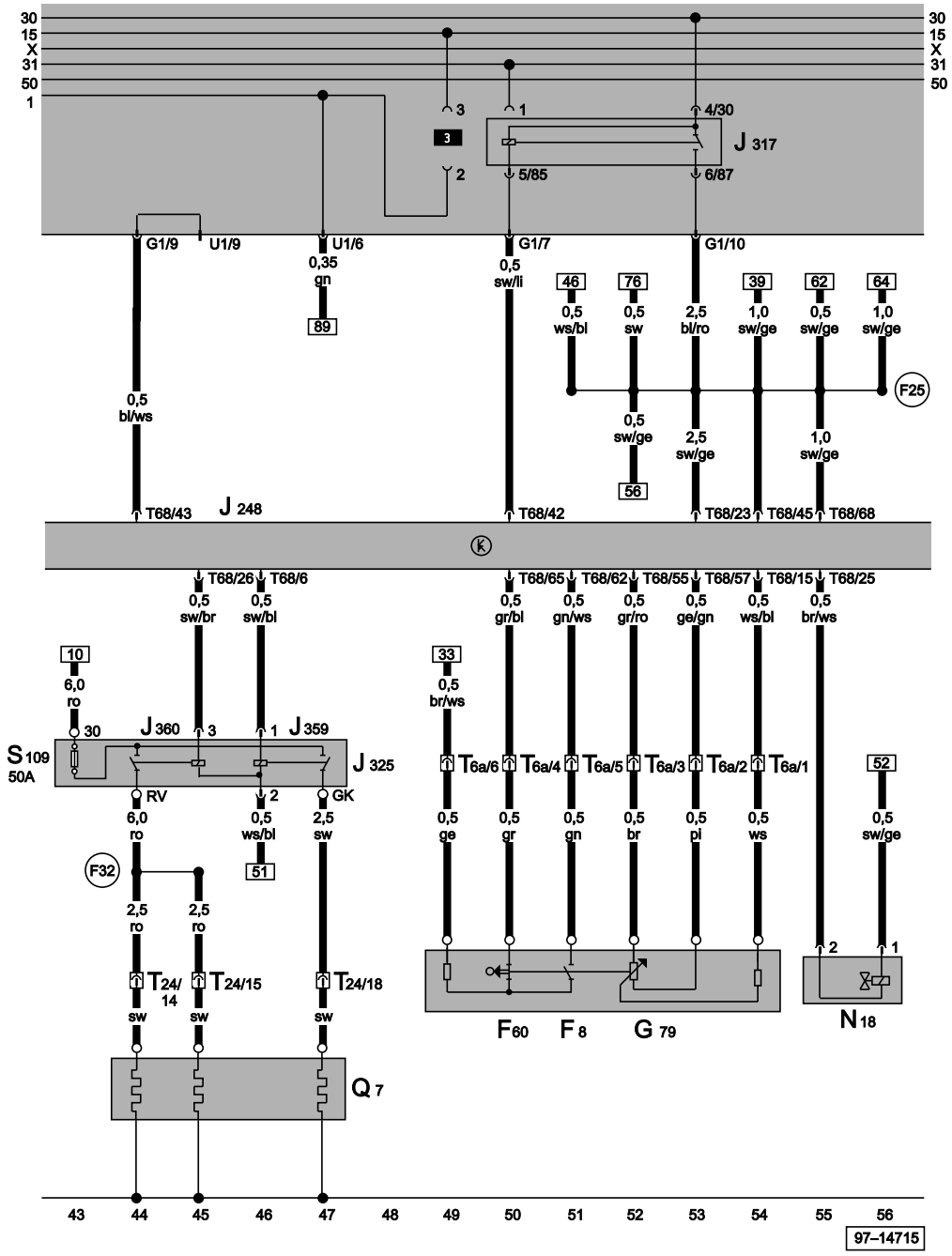

Diesel direct injection system control unit, terminal 30 voltage supply relay, coolant heater element, accelerator pedal position senders, exhaust gas recirculation valve

F8	Kick-down switch, only with automatic gearbox
F60	Idling switch
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J317	Terminal 30 voltage supply relay
J325	Relay for coolant heater elements, on bulkhead left
J359	Low heat output relay
J360	High heat output relay
N18	Exhaust gas recirculation valve
Q7	Coolant heating elements
S109	Strip fuse for coolant heating elements
T6a	6-pin connector, behind relay plate
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
(F25)	Connection -1-, in diesel direct injection system wiring harness
(F32)	Connection (glow plugs - coolant), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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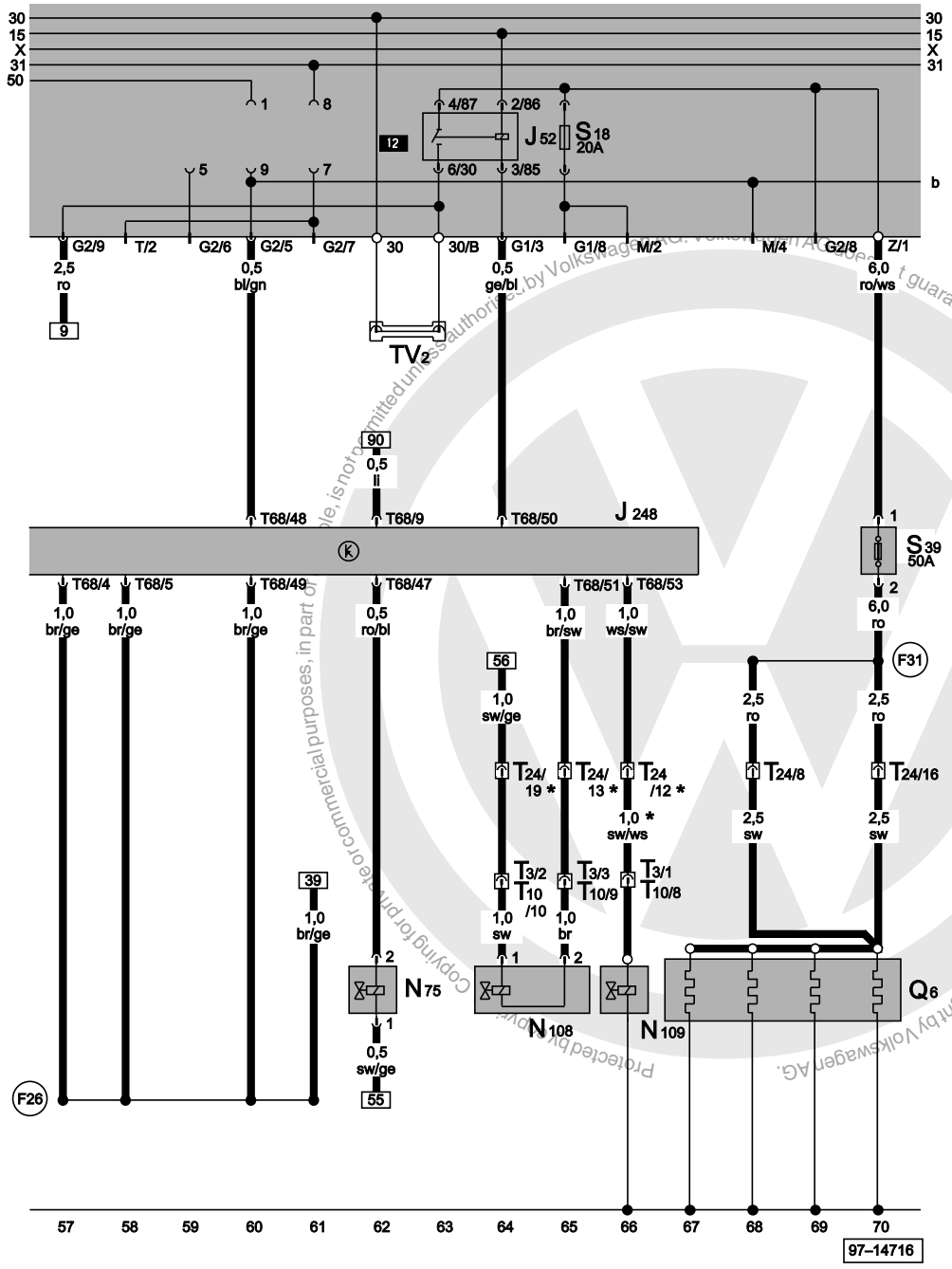

Diesel direct injection system control unit, glow plugs (engine), fuel shut–off valve, commencement of injection valve, charge pressure control solenoid valve

J52	Glow plug relay
J248	Diesel direct injection system control unit, in plenum chamber, right
N75	Charge pressure control solenoid valve
N108	Commencement of injection valve
N109	Fuel shut-off valve
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine), on bulkhead, left
T3	3-pin connector, near injection pump (only models with engine code AEY)
T10	10-pin connector, near injection pump (only models with engine code AHB)
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
TV2	Terminal 30 junction box
F26	Connection -2-, in diesel direct injection system wiring harness
F31	Connection (glow plugs - engine), in diesel direct injection system wiring harness
*	Only engine codes AEY

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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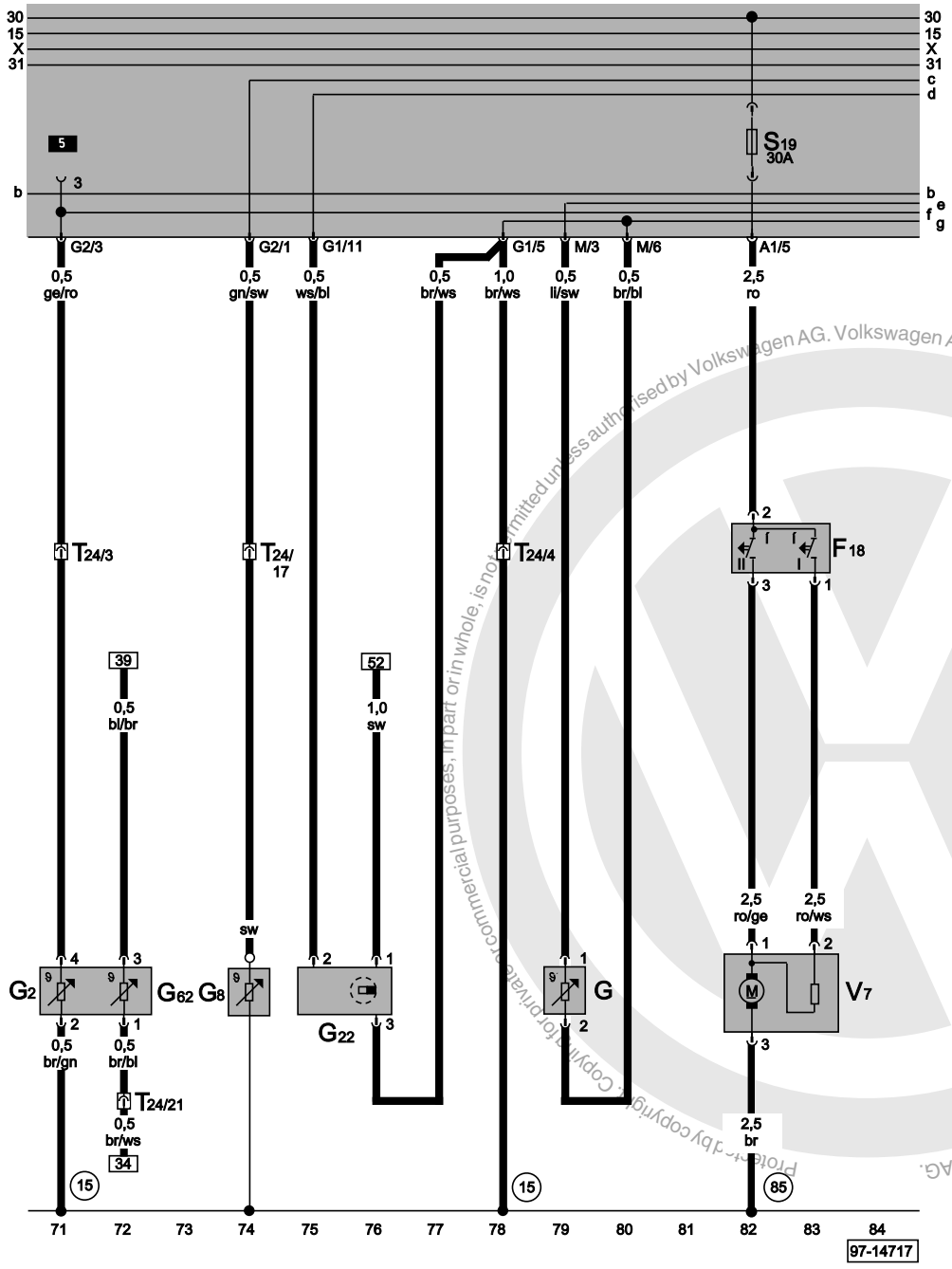

Multi–function display, speedometer sender, coolant temperature gauge sender

F18	Radiator fan thermo-switch
G	Fuel gauge sender
G2	Coolant temperature gauge sender
G8	Oil temperature sender
G22	Speedometer sender (hall sender, on gearbox)
G62	Coolant temperature sender
T24	24-pin connector, on cylinder head, left
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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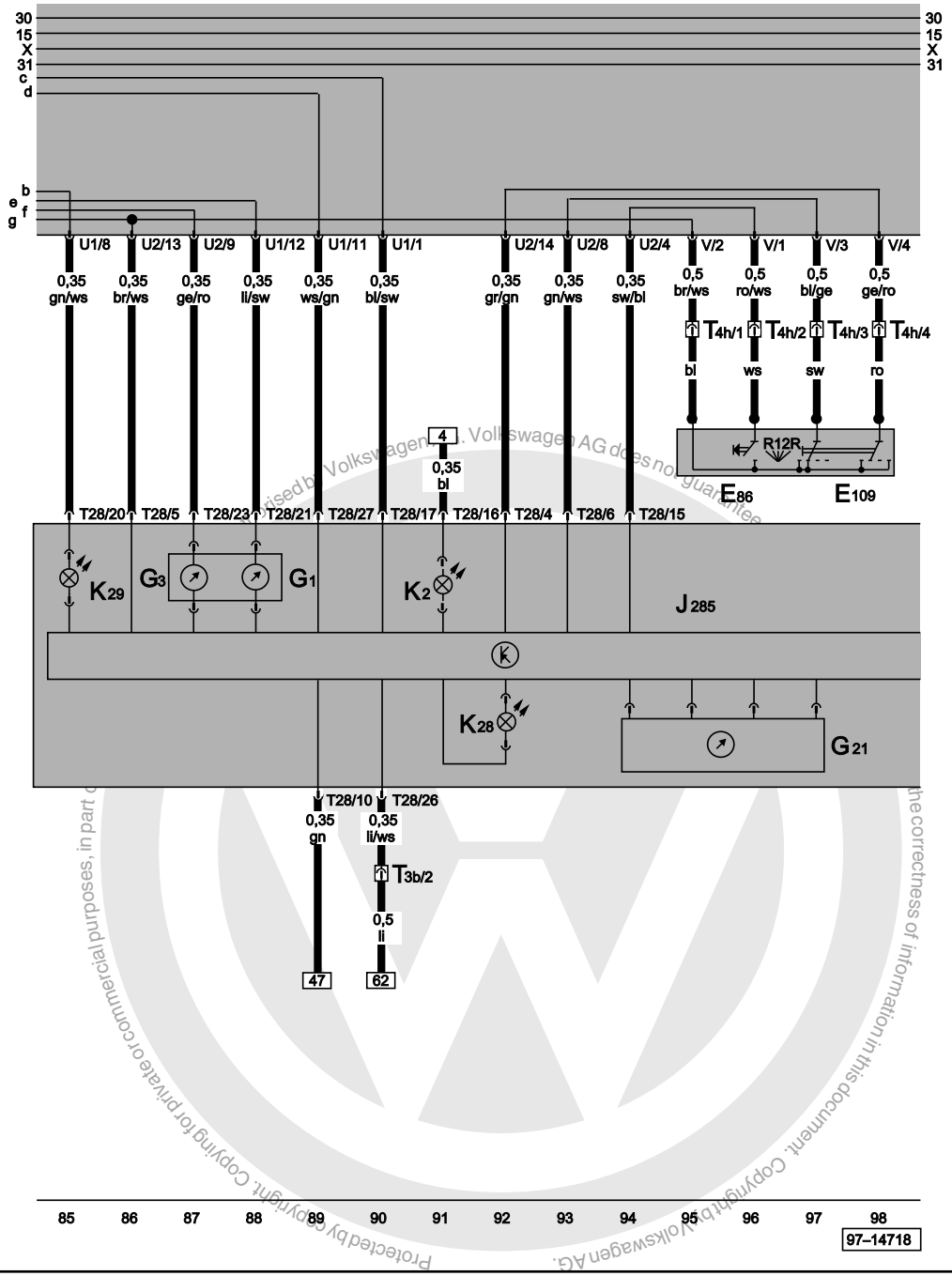

Dash panel insert, coolant shortage and coolant temperature indicator, fuel gauge, speedometer, multi–function display switch

E86	Multi-function display call-up button
E109	Multi-function display, memory switch
G1	Fuel gauge
G3	Coolant temperature gauge
G21	Speedometer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K29	Glow period warning lamp
T3b	3-pin connector, behind dash panel, left
T4h	4-pin connector, behind steering column switch trim
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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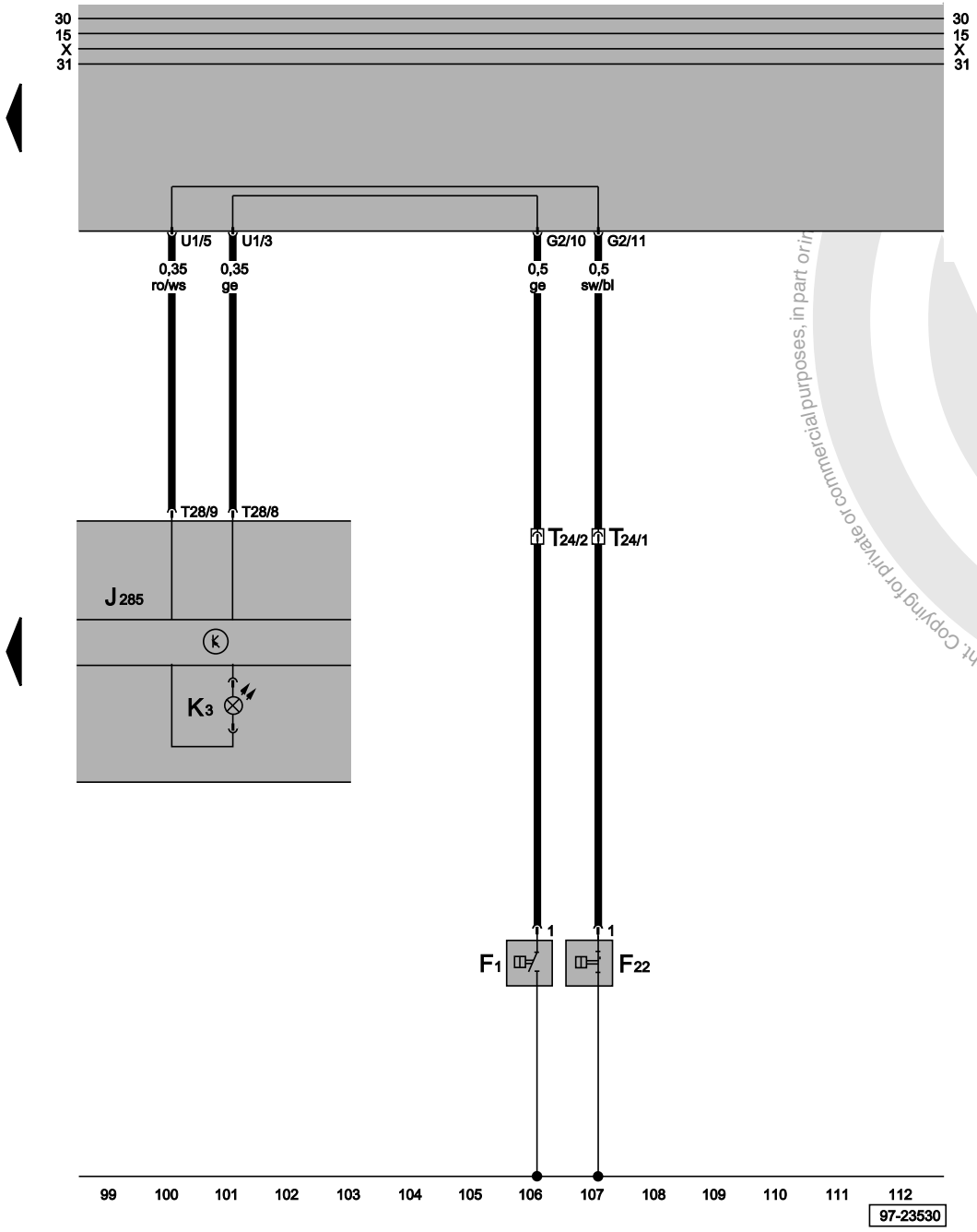
Dash panel insert, optical and acoustical oil pressure warning

F1	Oil pressure switch
F22	Oil pressure switch (0.3 bar)
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
T24	24-pin connector, on engine left
T28	28-pin connector, on dash panel insert



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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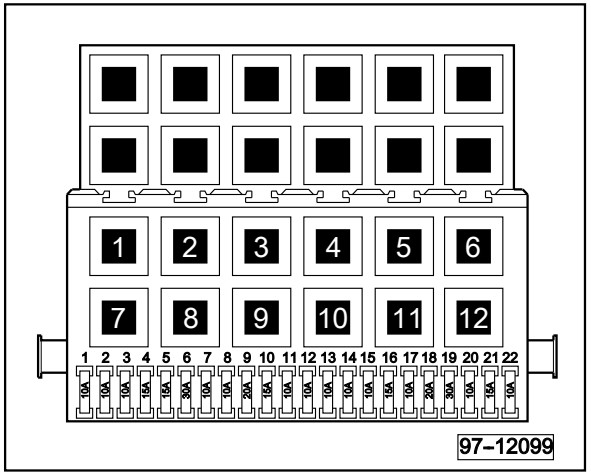
1.9 l/66 kW turbo-diesel engine, engine codes AHU

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Terminal 30 voltage supply relay (109)
12 - Glow plug relay (103)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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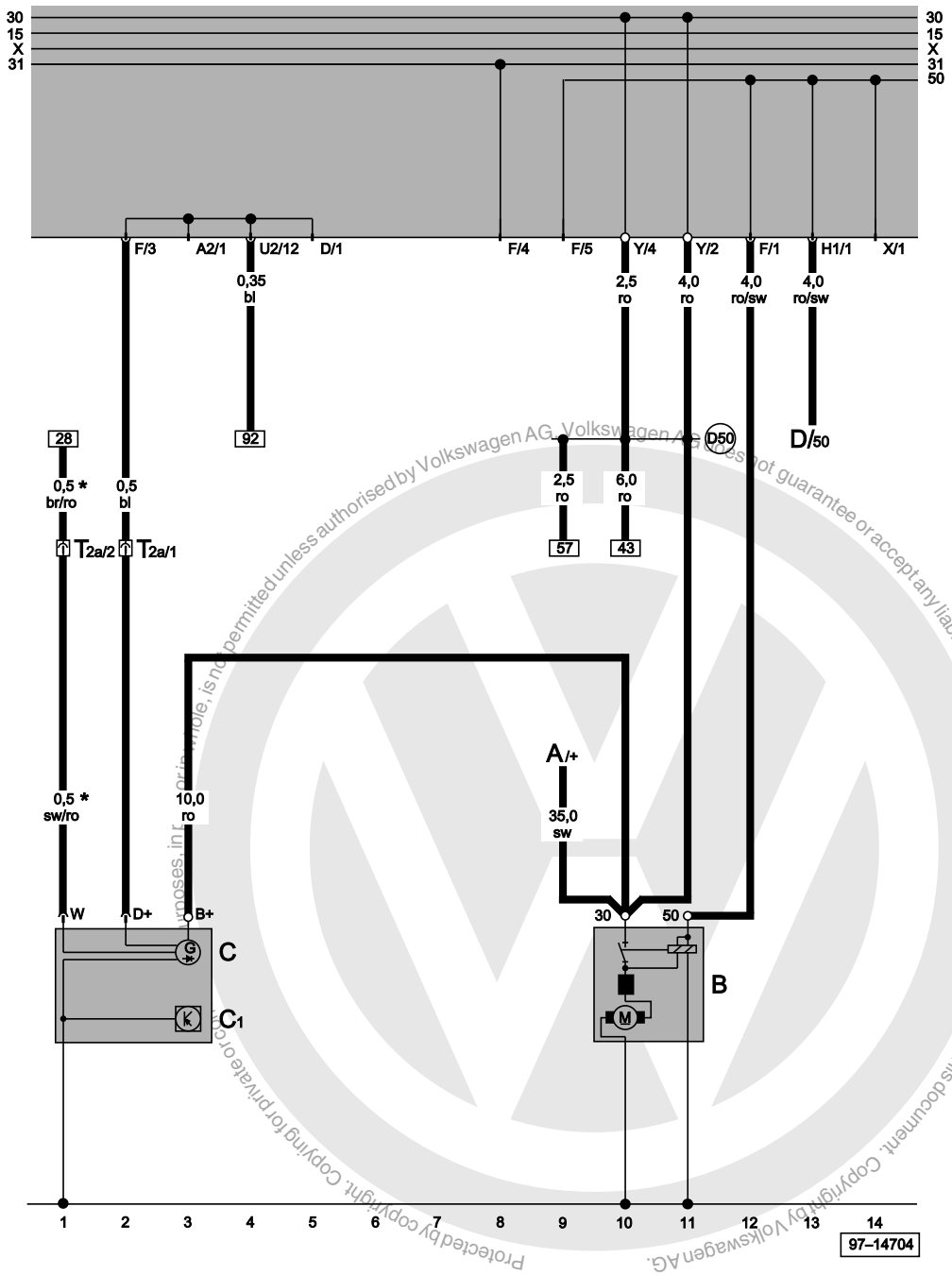

Battery, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2a	2-pin connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness
*	Only models with coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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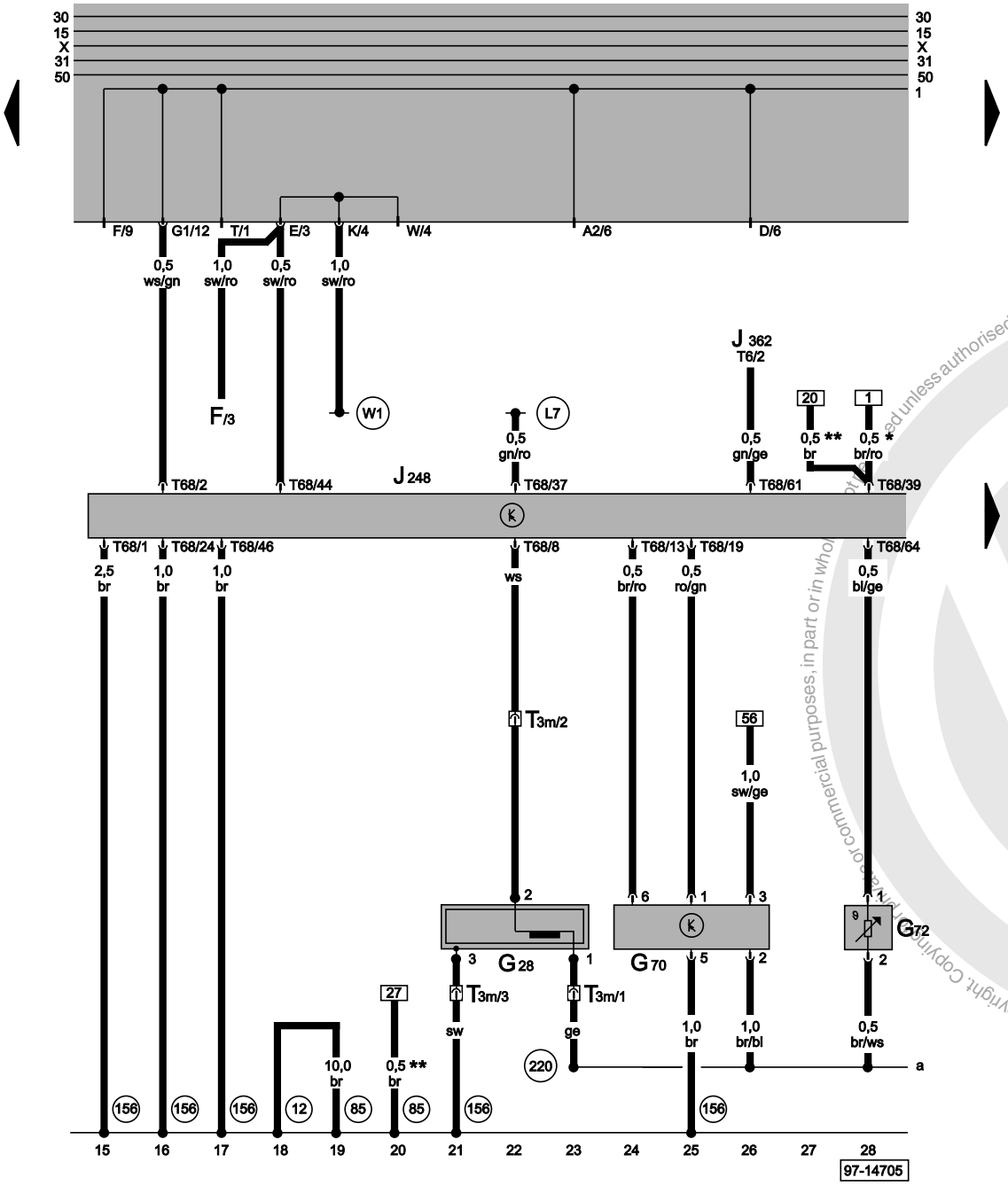

Diesel direct injection system control unit, engine speed sender, air mass meter, intake manifold temperature sender

F	Brake light switch
G28	Engine speed sender
G70	Air mass meter
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J362	Immobilizer control unit, behind dash panel, left
T3m	3-pin connector, on cylinder head, left
T6	6-pin connector, on immobilizer control unit
T68	68-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness
L7	Connection -3-, in air conditioner wiring harness
W1	Positive (+) connection (54), in rear wiring harness
*	Only models with coolant heater element
**	Only models without coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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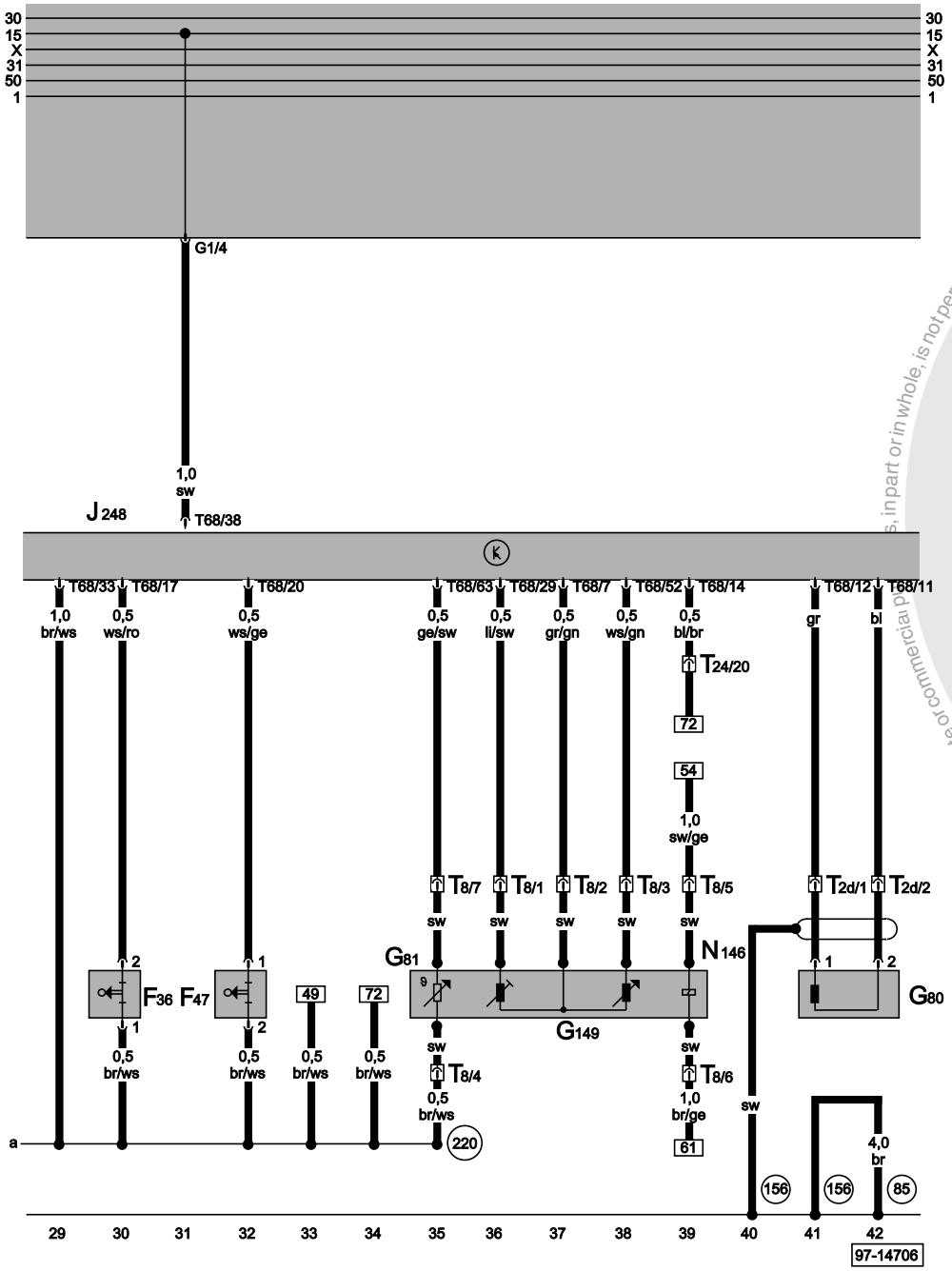

Diesel direct injection system control unit, metering adjuster, needle lift sender, fuel temperature sender, modulating piston movement sender

F36	Clutch pedal switch
F47	Cruise control system brake pedal switch/diesel direct inj. system
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit, in plenum chamber, right
N146	Metering adjuster
T2d	2-pin connector, on cylinder head, left, near injection pump
T8	8-pin connector, injection pump
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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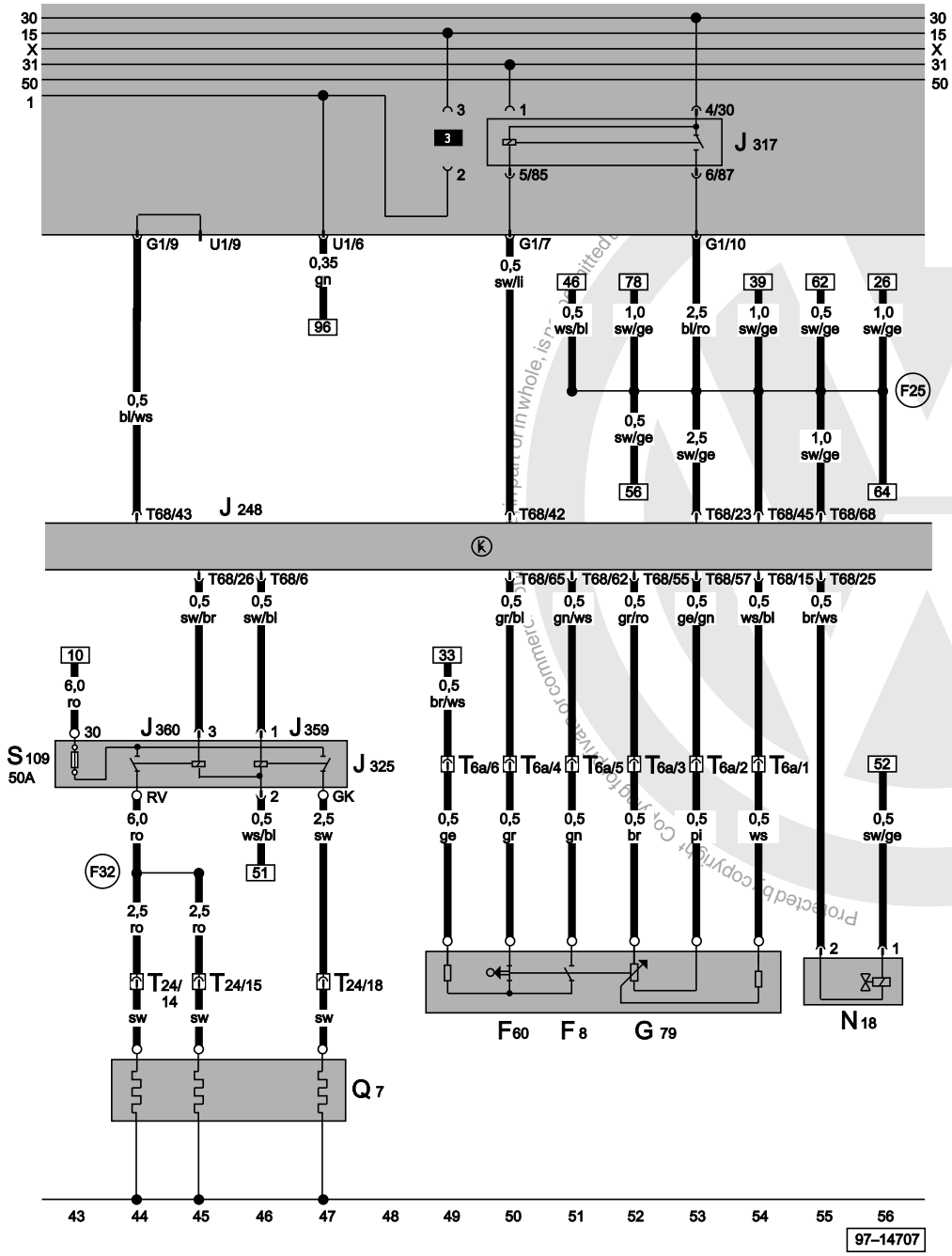

Diesel direct injection system control unit, terminal 30 voltage supply relay, coolant heater element, accelerator pedal position senders, exhaust gas recirculation valve

F8	Kick-down switch, only with automatic gearbox
F60	Idling switch
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J317	Terminal 30 voltage supply relay
J325	Relay for coolant heater elements, on bulkhead left
J359	Low heat output relay
J360	High heat output relay
N18	Exhaust gas recirculation valve
Q7	Coolant heating elements
S109	Strip fuse for coolant heating elements
T6a	6-pin connector, behind relay plate
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
F25	Connection -1-, in diesel direct injection system wiring harness
F32	Connection (glow plugs - coolant), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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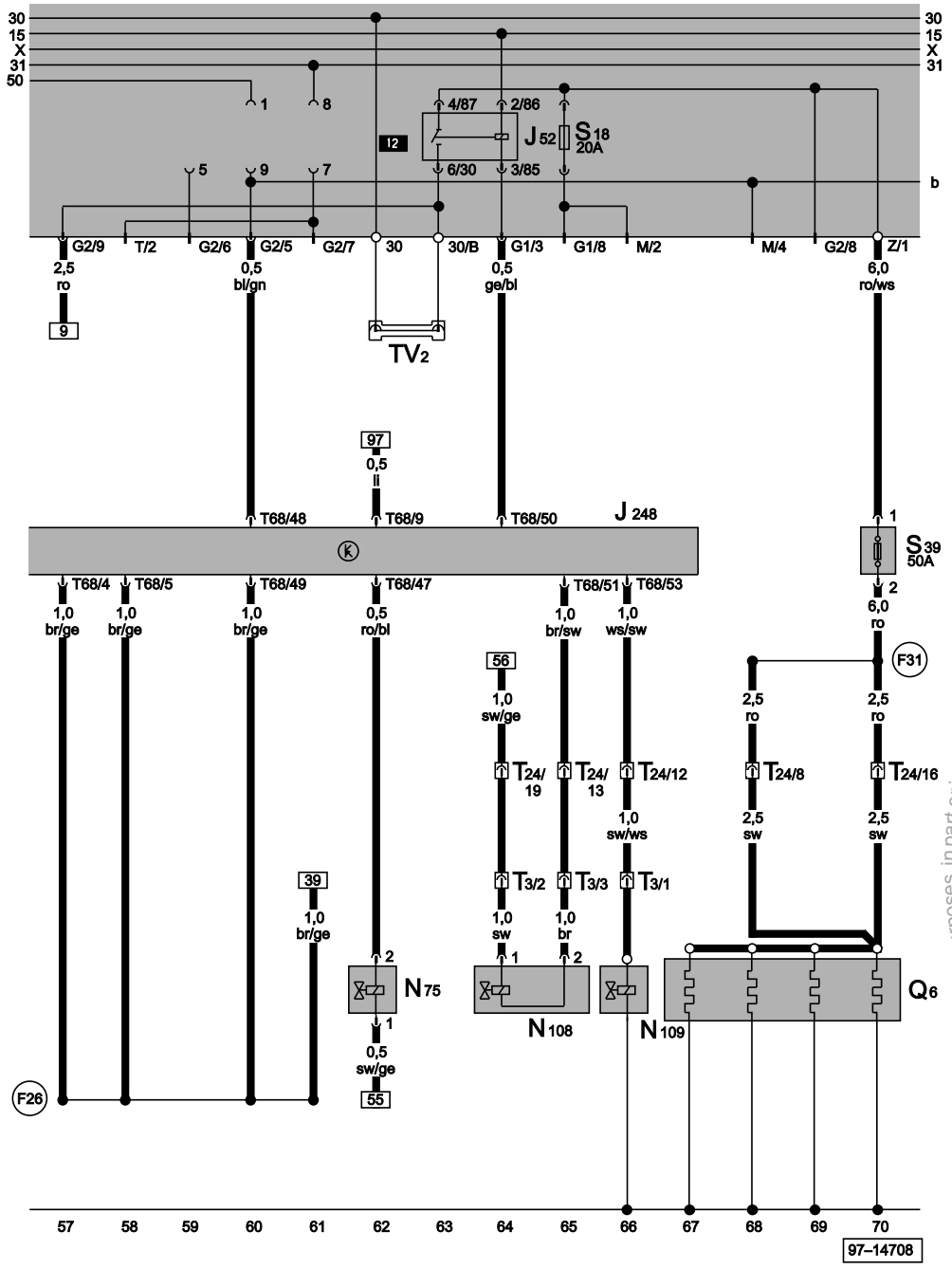

Diesel direct injection system control unit, glow plugs (engine), fuel shut–off valve, commencement of injection valve, charge pressure control solenoid valve

J52	Glow plug relay
J248	Diesel direct injection system control unit, in plenum chamber, right
N75	Charge pressure control solenoid valve
N108	Commencement of injection valve
N109	Fuel shut-off valve
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine), on bulkhead, left
T3	3-pin connector, near injection pump
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
TV2	Terminal 30 junction box
F26	Connection -2-, in diesel direct injection system wiring harness
F31	Connection (glow plugs - engine), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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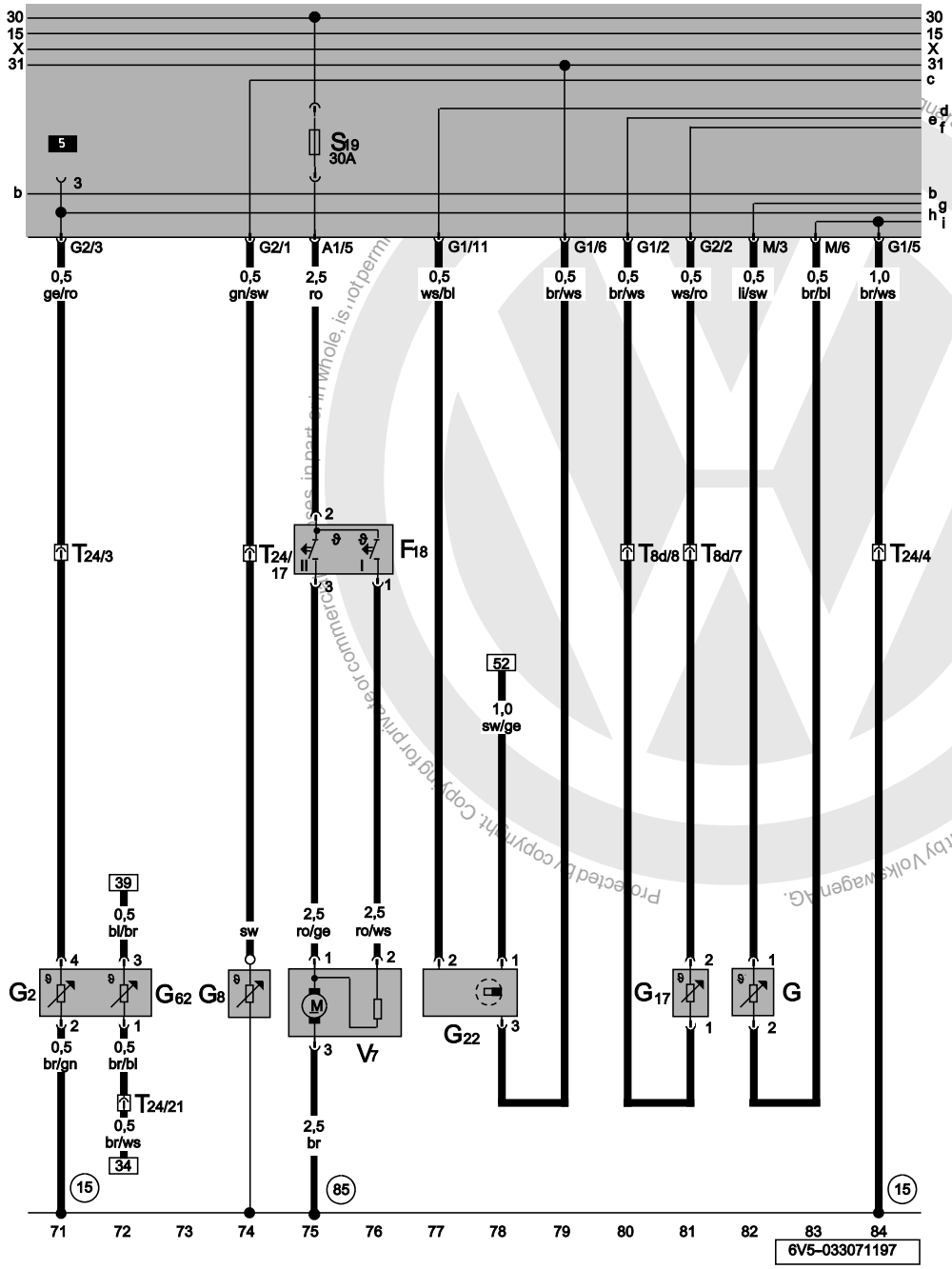

Multi–function display, speedometer sender, coolant temperature gauge sender, radiator fan

F18	Radiator fan thermo-switch
G	Fuel gauge sender
G2	Coolant temperature gauge sender
G8	Oil temperature sender
G17	Ambient temperature sensor
G22	Speedometer sender (hall sender, on gearbox)
G62	Coolant temperature sender
T8d	8-pin connector, near headlight, right
T24	24-pin connector, on cylinder head, left
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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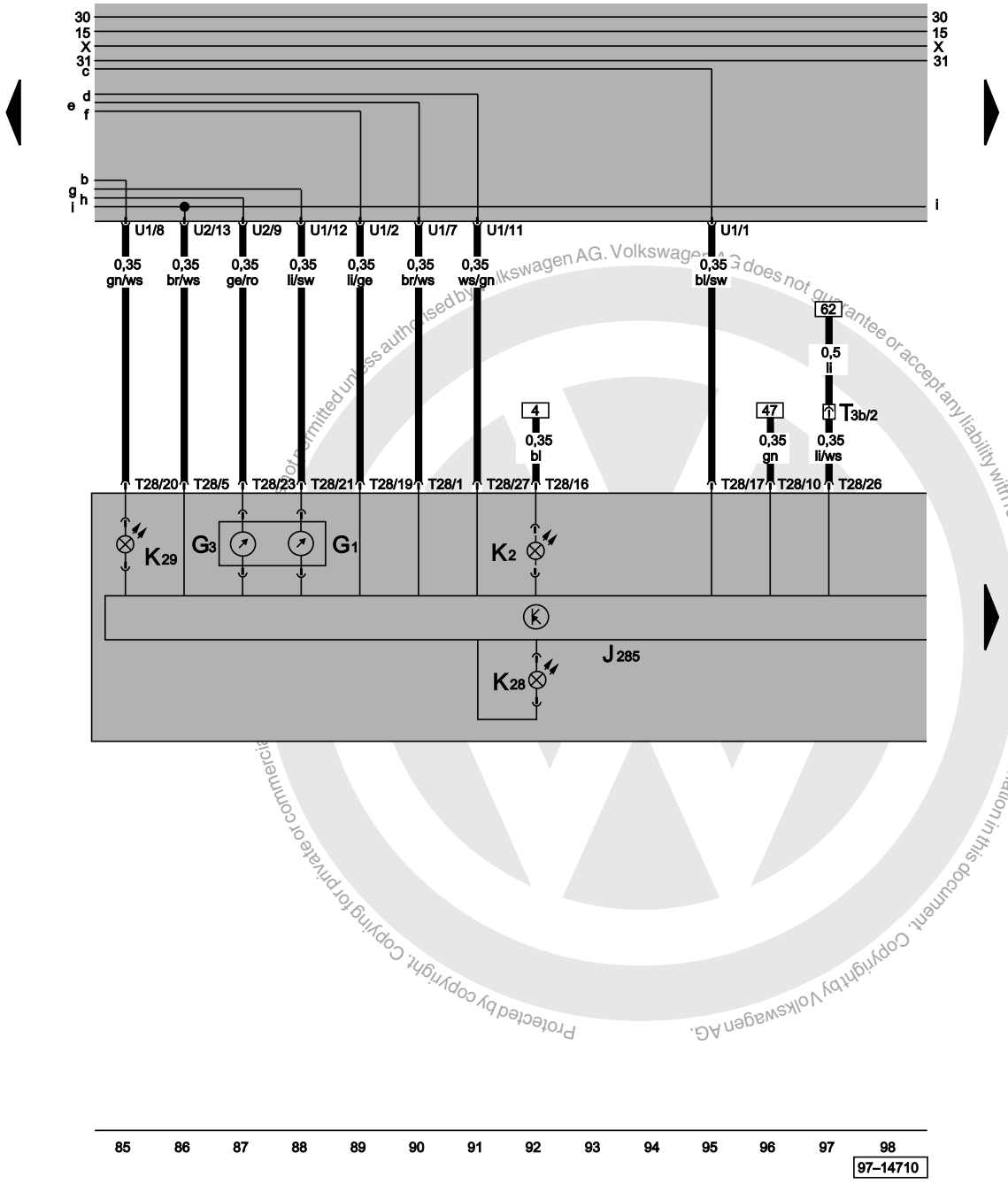

Dash panel insert, coolant shortage and coolant temperature indicator, fuel gauge

G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K29	Glow period warning lamp
T3b	3-pin connector, behind dash panel, left
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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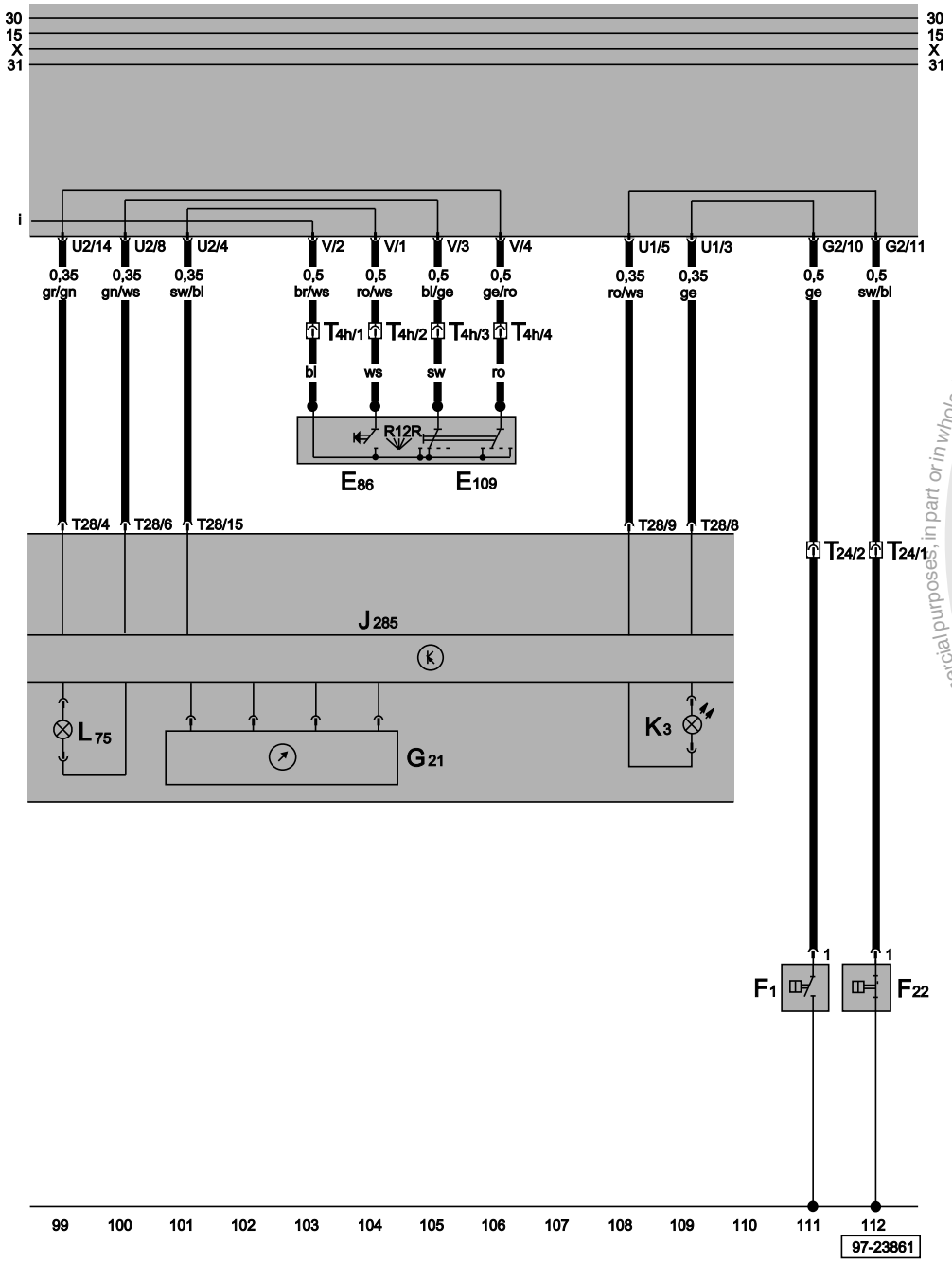

Dash panel insert, speedometer, multi–function display, optical and acoustical oil pressure warning

E86	Multi-function display call-up button
E109	Multi-function display, memory switch
F1	Oil pressure switch
F22	Oil pressure switch (0.3 bar)
G21	Speedometer
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
L75	Digital display illumination
T4h	4-pin connector, behind steering column switch trim
T24	24-pin connector, on engine left
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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1.6 l/74 kW Simos, engine codes AFT

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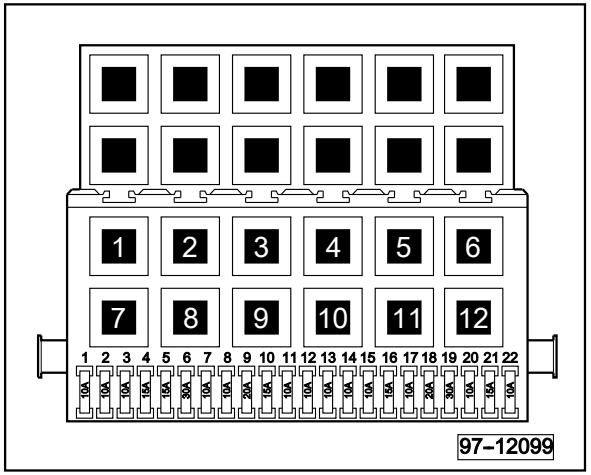

3 - Current supply relay for Simos control unit (30)
12 - Fuel pump relay (167)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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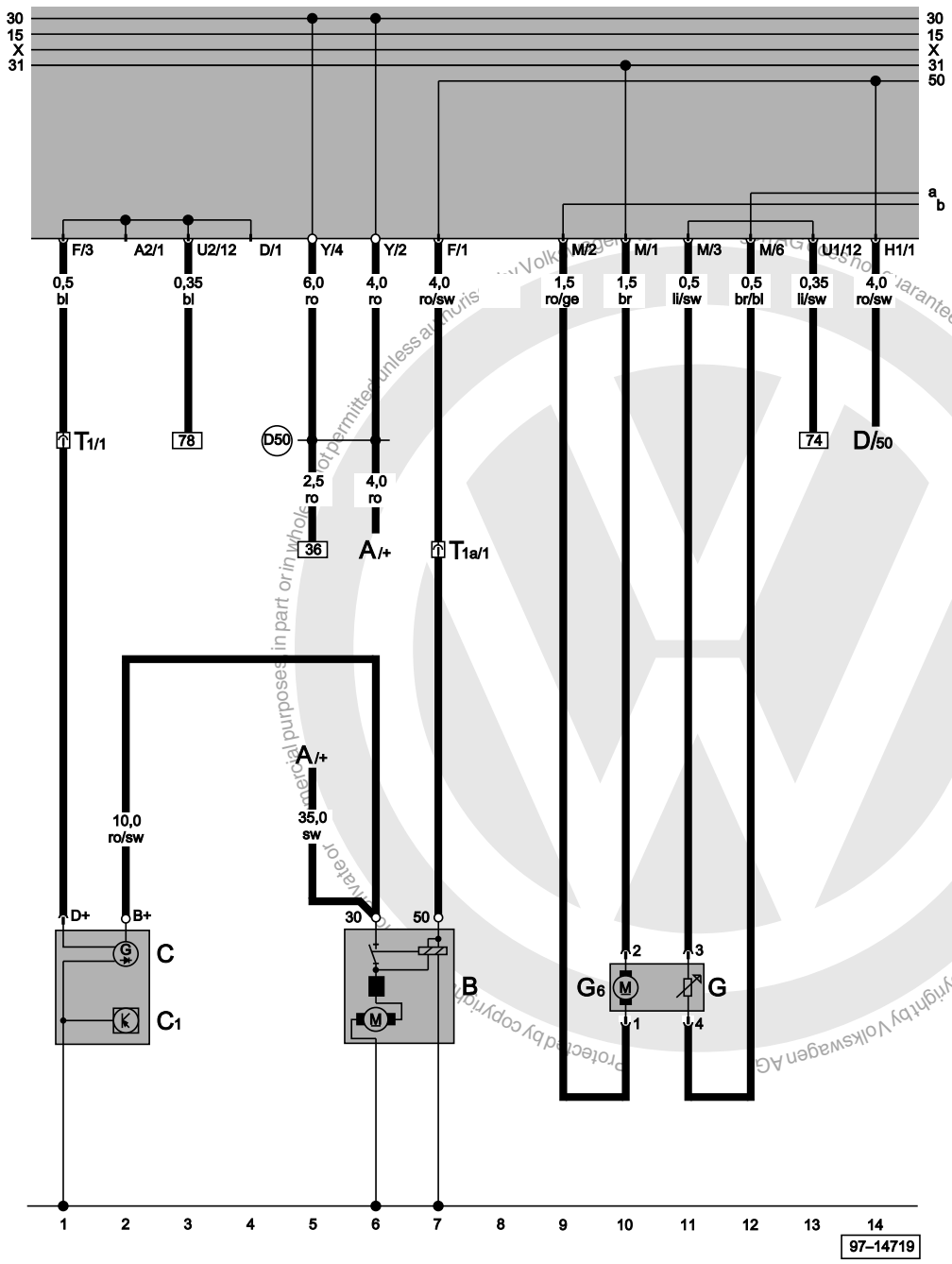

Alternator, starter, fuel pump, fuel gauge sender

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
G	Fuel gauge sender
G6	Fuel pump
T1	Single connector, near starter
T1a	Single connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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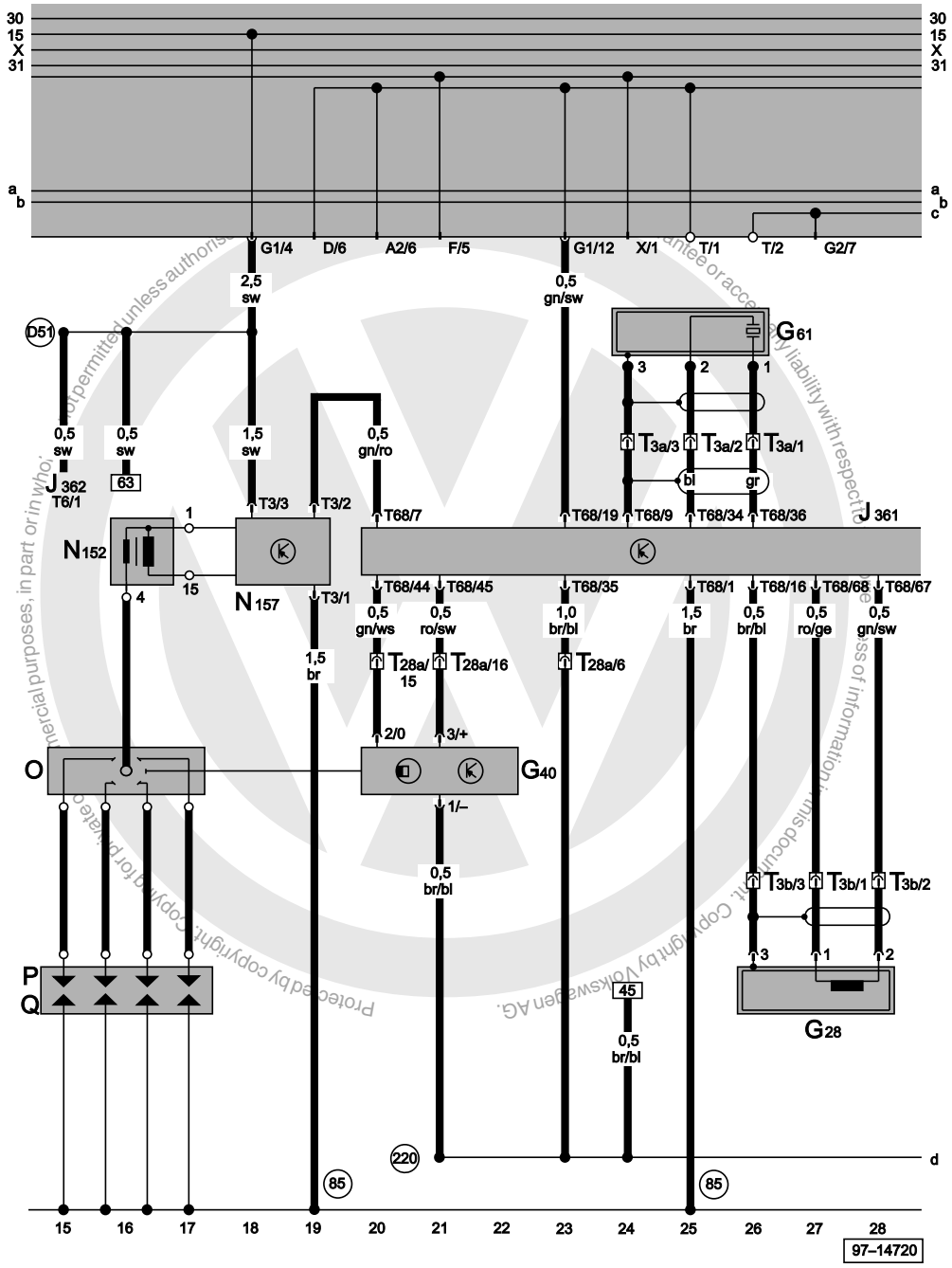

Simos control unit, ignition system, engine speed sender, knock sensor

G28	Engine speed sender
G40	Hall sender
G61	Knock sensor
J361	Simos control unit, in plenum chamber, left
J362	Immobilizer control unit, on dash panel, above the relay plate
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T3	3-pin connector, on ignition transformer
T3a	3-pin connector, on engine front
T3b	3-pin connector, on engine front
T6	6-pin connector, on immobilizer control unit
T28a	28-pin connector, on engine left
T68	68-pin connector, on Simos control unit
220	Earth connection (sender earth), in engine wiring harness
85	Earth connection -1-, in engine compartment wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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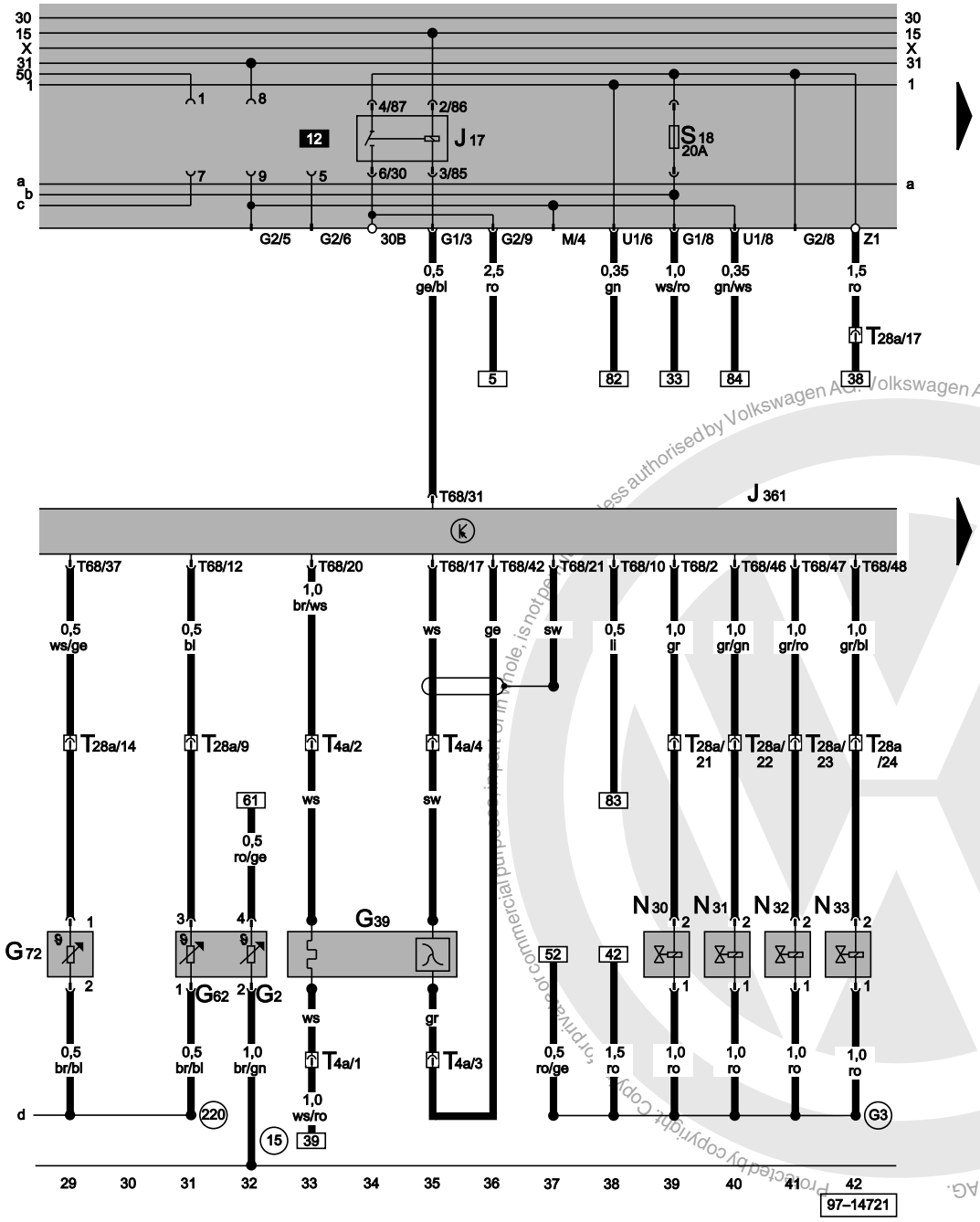
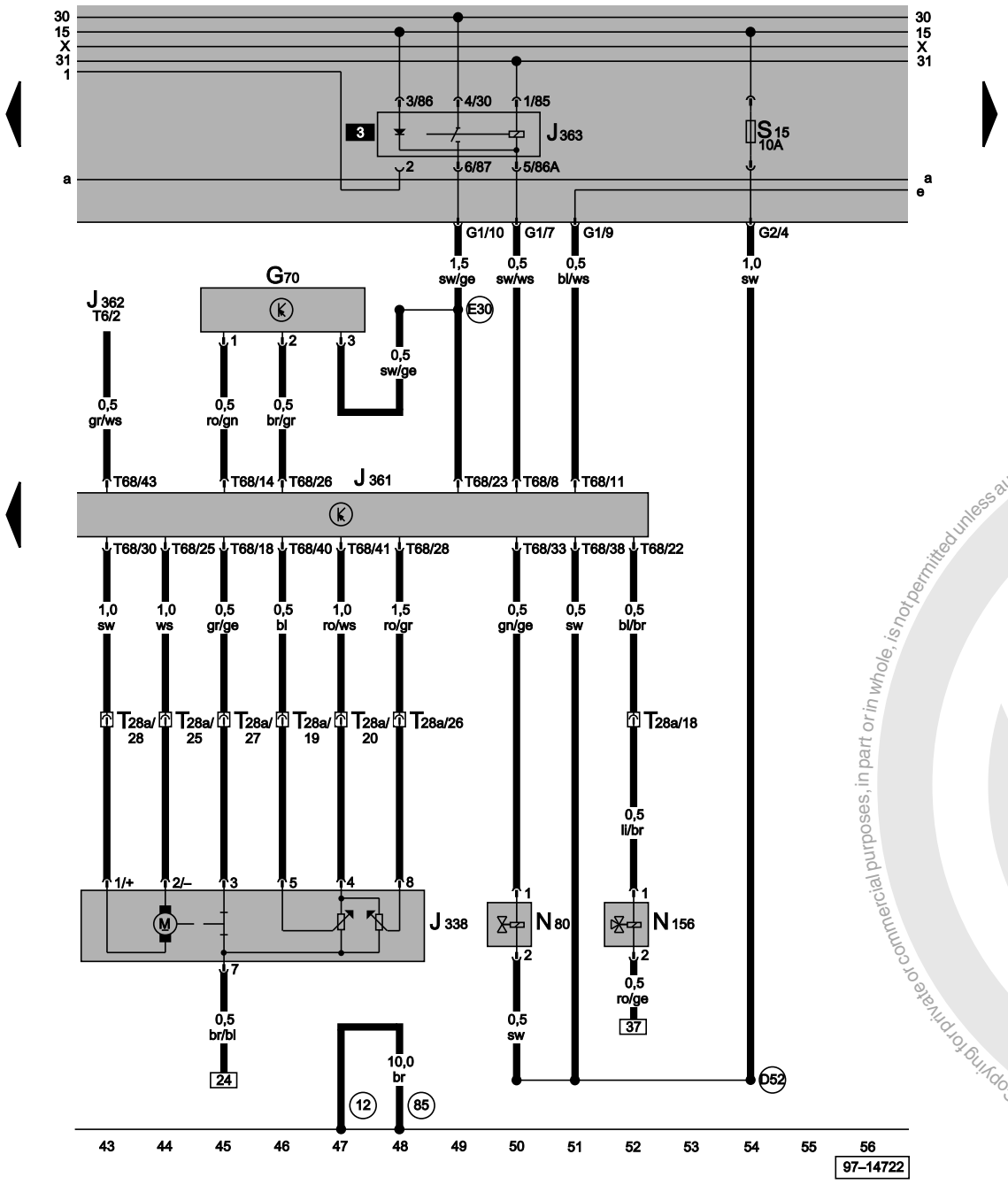
Simos control unit, lambda probe, coolant temperature sender, injectors, intake manifold temperature sender



G2	Coolant temperature sender
G39	Lambda probe
G62	Coolant temperature sender
G72	Intake manifold temperature sender
J17	Fuel pump relay
J361	Simos control unit, in plenum chamber, left
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T4a	4-pin connector, on engine right
T28a	28-pin connector, on engine left
T68	68-pin connector, on Simos control unit
15	Earth point, on cylinder head
220	Earth connection (sender earth), in injectors
G3	Positive (+) connection in cable sleeve - injectors

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Simos control unit, air mass meter, throttle valve control unit, activated charcoal filter system solenoid valve

G70	Air mass meter
J338	Throttle valve control unit
J361	Simos control unit, in plenum chamber, left
J362	Immobilizer control unit, on dash panel, above the relay plate
J363	Current supply relay for Simos control unit
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
N156	Intake manifold change-over valve
T6	6-pin connector, on immobilizer control unit
T28a	28-pin connector, on engine left
T68	68-pin connector, on Simos control unit
12	Earth point, in engine compartment, left, near battery
85	Earth connection -1-, in engine compartment wiring harness
D52	Positive (+) connection (15a), in engine compartment wiring harness
E30	Connection (87), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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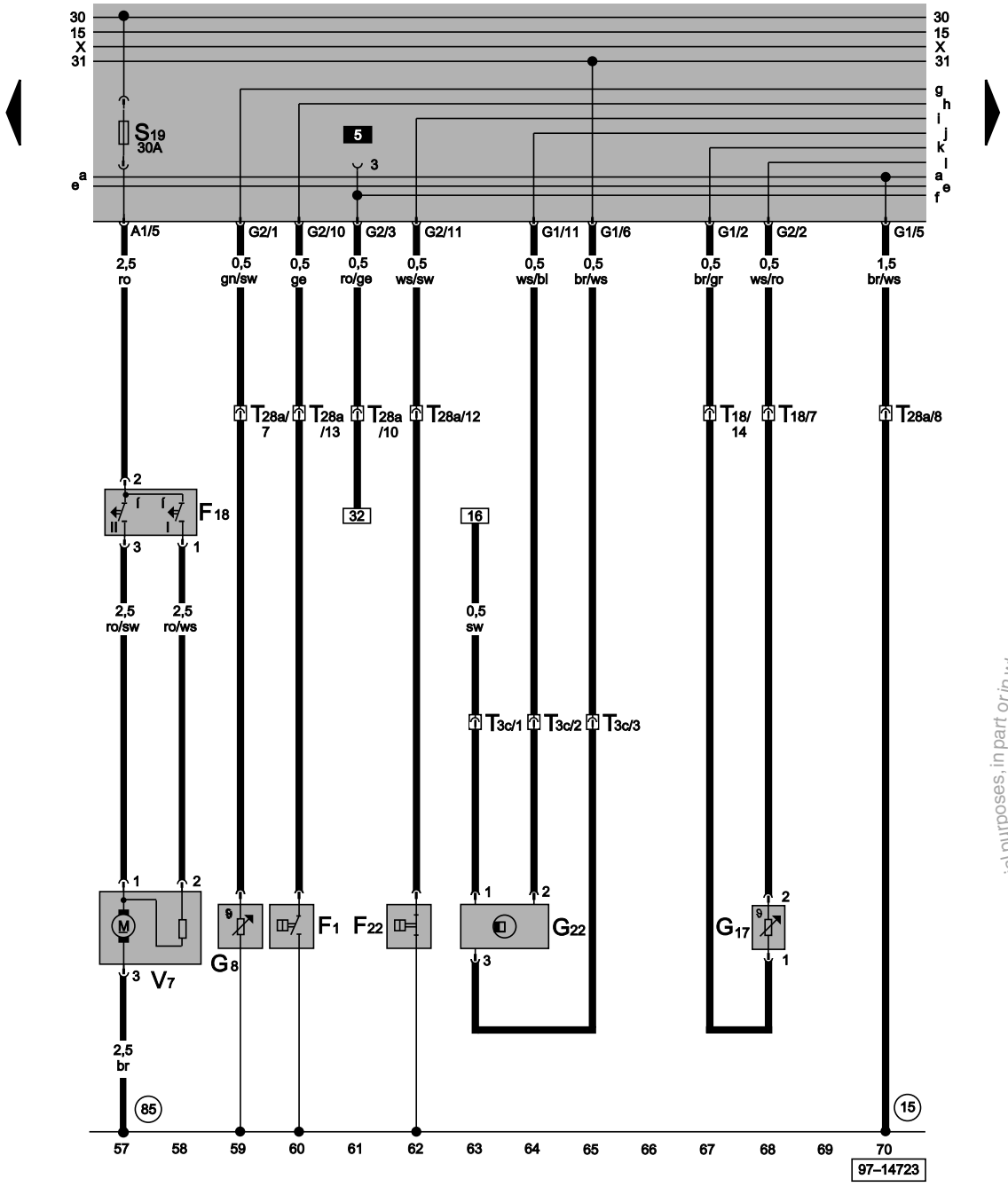

Oil temperature sender, oil pressure switch, speedometer sender, radiator fan

F1	Oil pressure switch *
F18	Radiator fan thermo-switch
F22	Oil pressure switch (0.25 bar)
G8	Oil temperature sender
G17	Ambient temperature sensor
G22	Speedometer sender (hall sender, on gearbox)
T3c	3-pin connector, on hall sender
T18	18-pin connector, near radiator left
T28a	28-pin connector, on engine left
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

* For switch values, Engine Workshop manual, Caddy 1996►, Polo Classic ►, Polo Variant ►

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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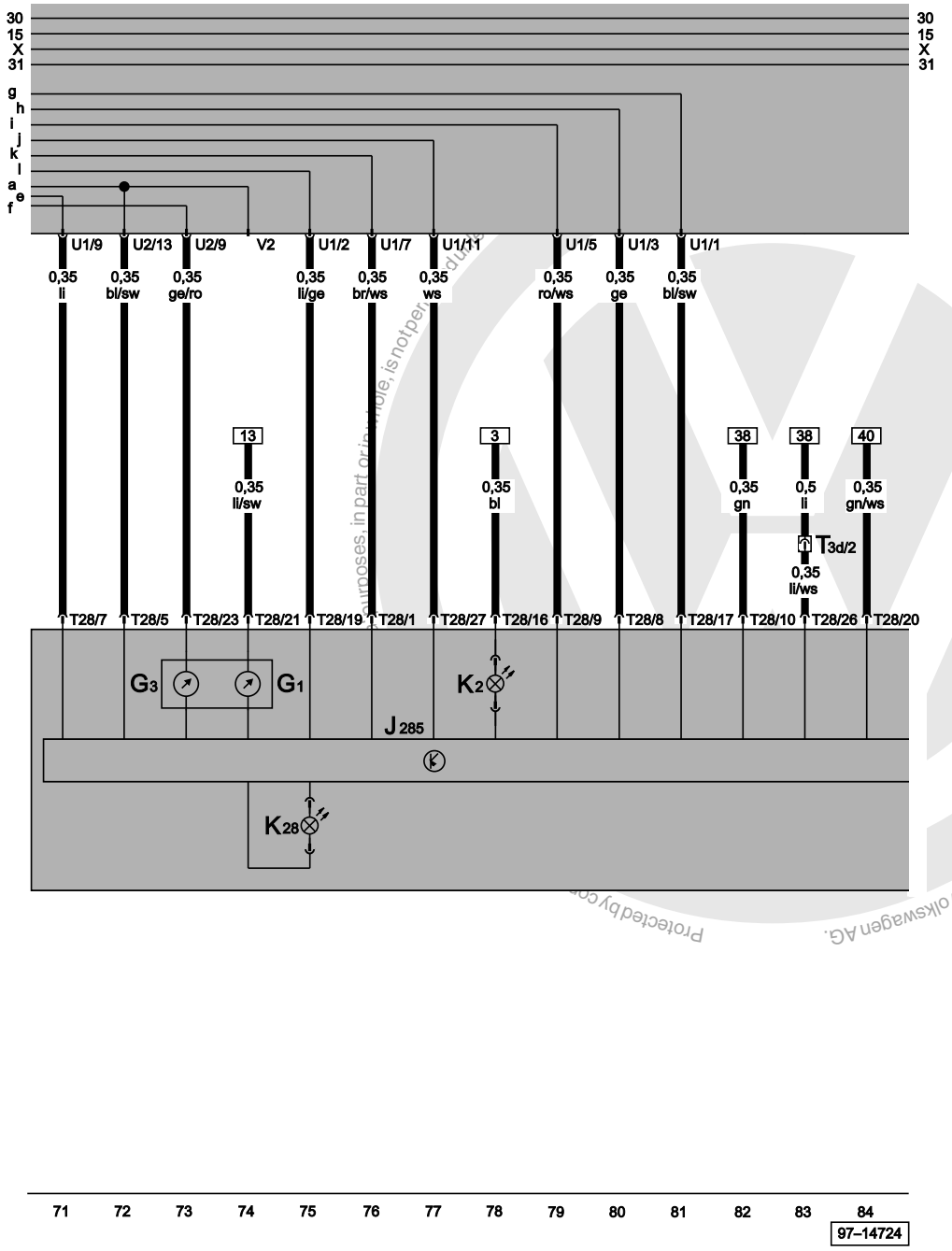

Dash panel insert, odometer display, coolant shortage and coolant temperature indicator, fuel gauge

G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
T3d	3-pin connector, behind relay plate
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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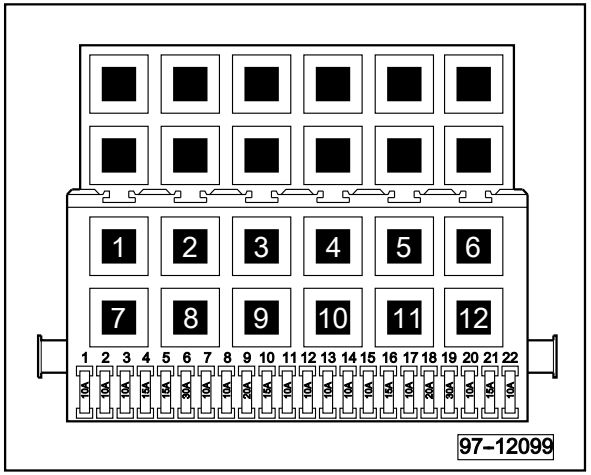
1.4 l/44 kW Motronic, engine codes AEX

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



12 - Fuel pump relay (167)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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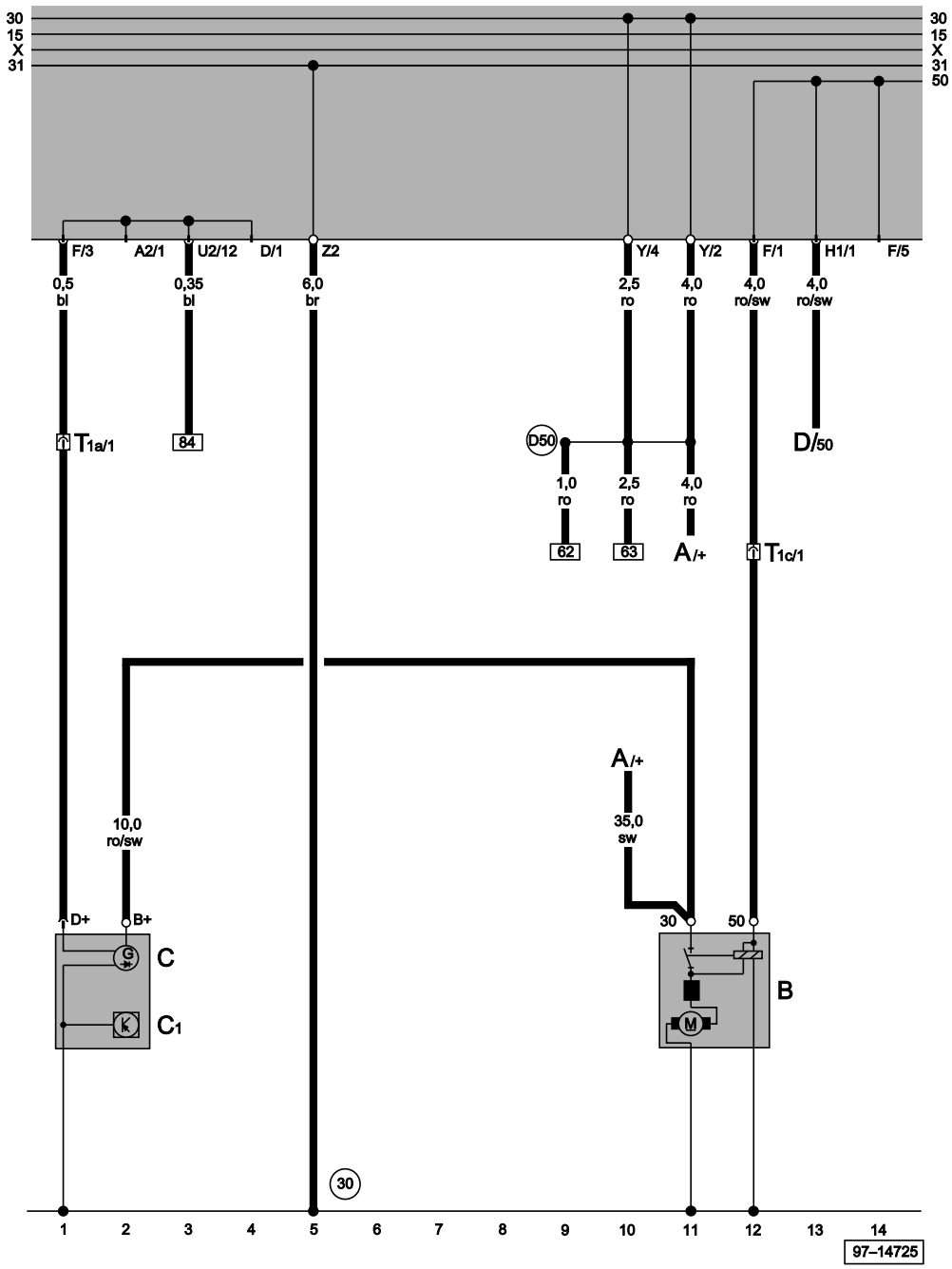

Alternator, starter

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T1a	Single connector, near starter
T1c	Single connector, behind relay plate
30	Earth point -1-, next to relay plate
D50	Positive (+) connection (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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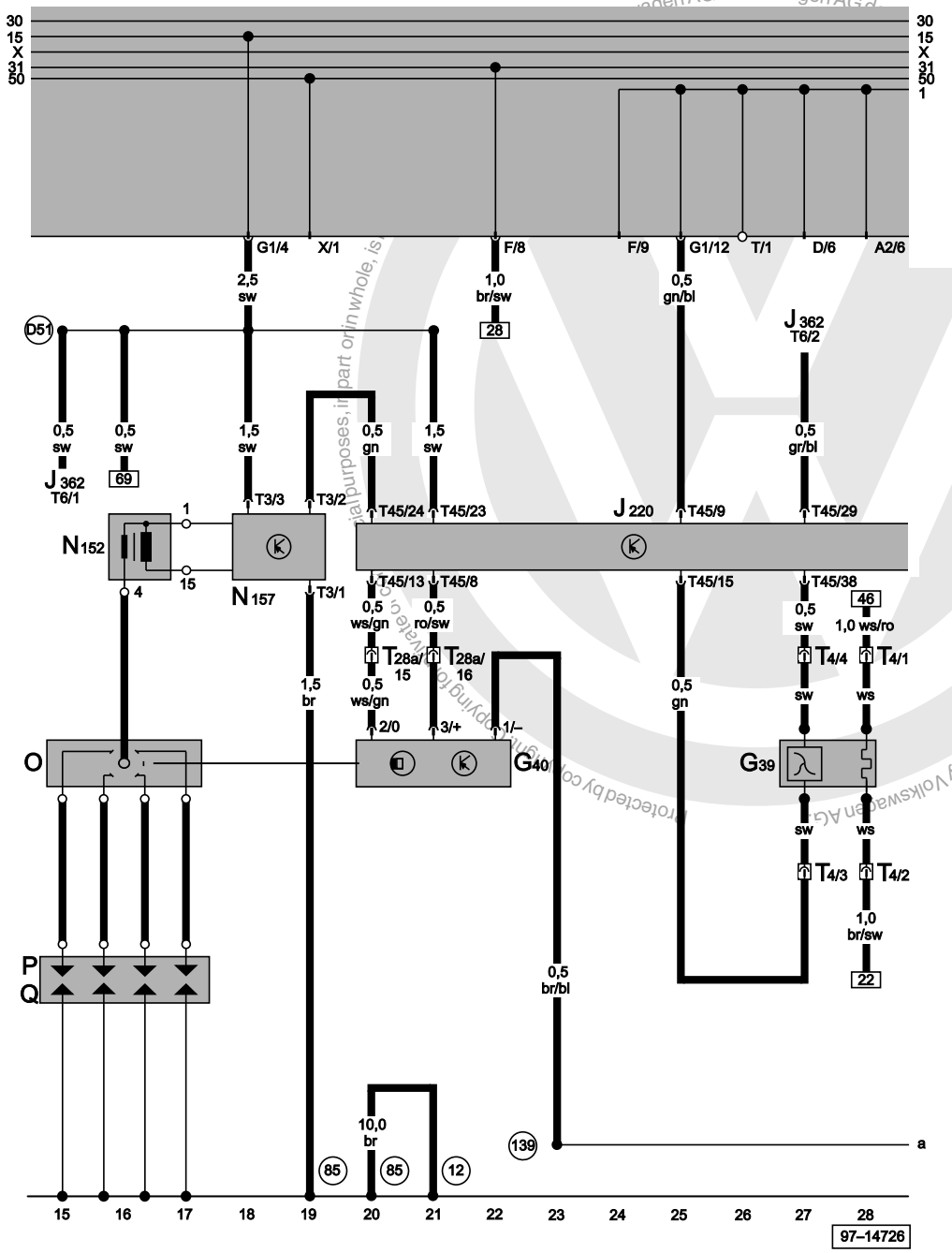
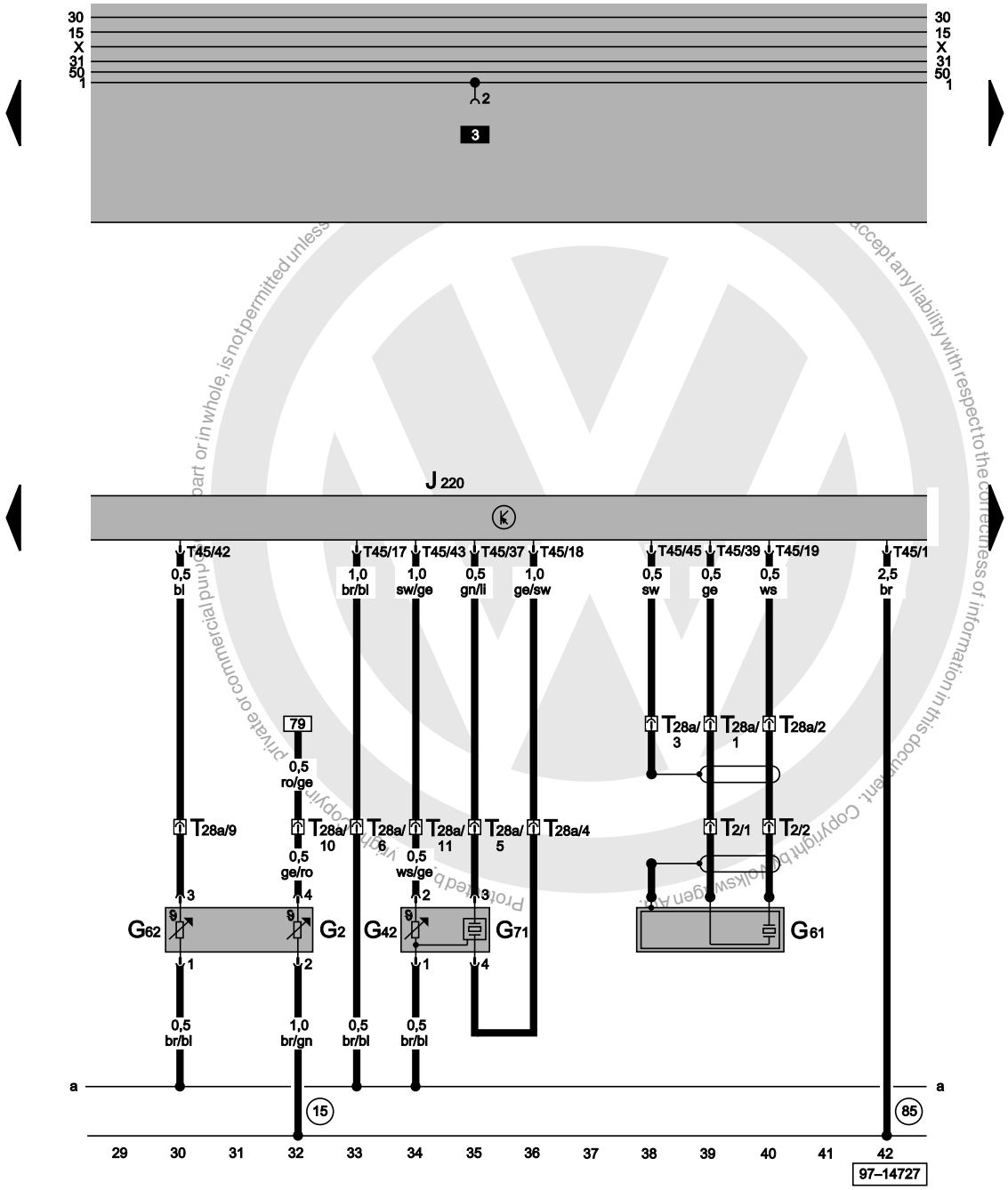


Motronic control unit, ignition system, lambda probe

G39	Lambda probe
G40	Hall sender
J220	Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T3	3-pin connector, ignition transformer output stage
T4	4-pin connector
T6	6-pin connector
T28a	28-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Motronic control unit, coolant temperature sender, intake air temperature sender, intake manifold pressure sender, knock sensor

G2	Coolant temperature sender
G42	Intake air temperature sender
G61	Knock sensor
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J220	Motronic control unit, in plenum chamber, left
T2	2-pin connector
T28a	28-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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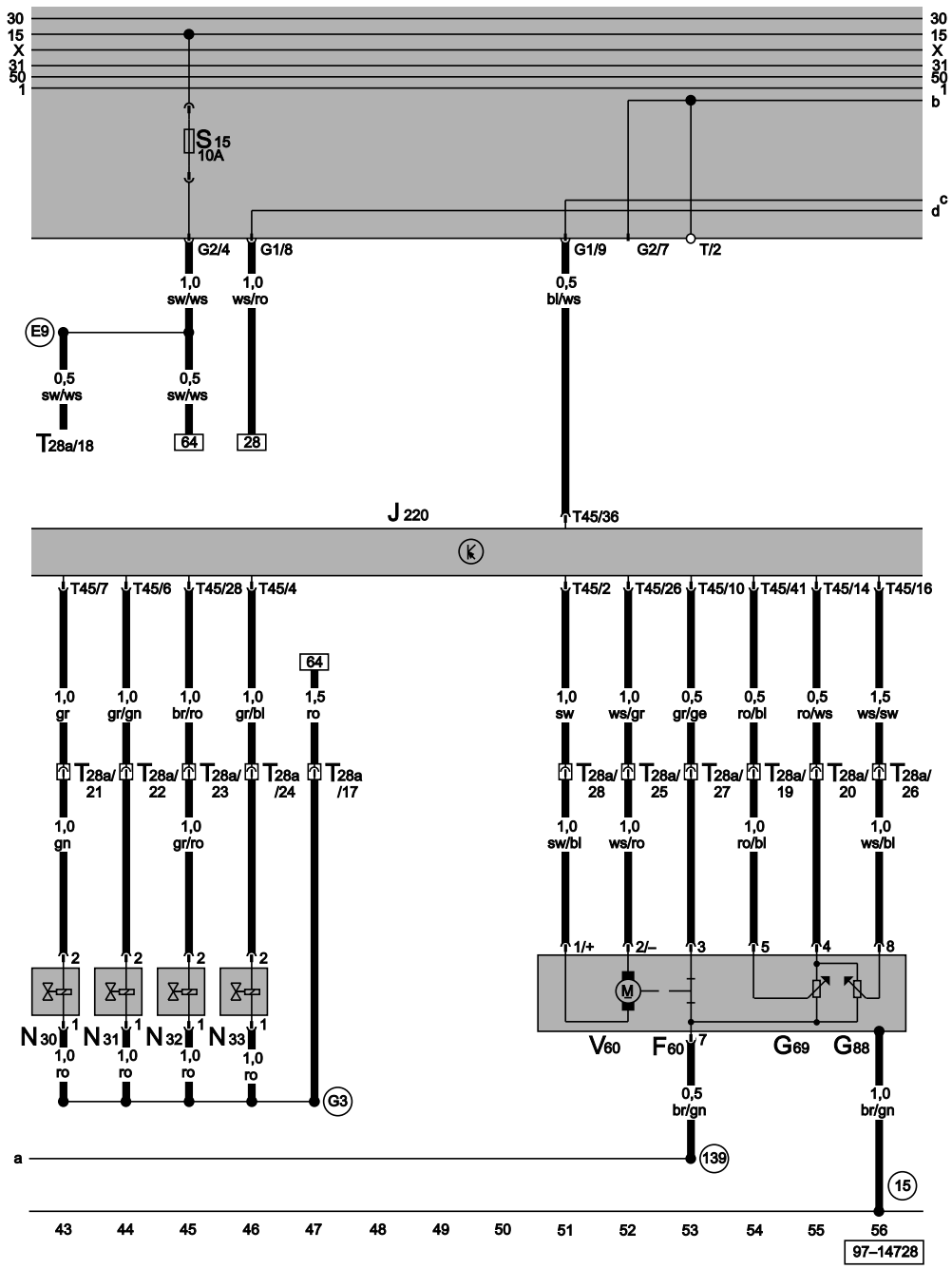

Motronic control unit, injectors, throttle valve positioner, idling switch, throttle valve potentiometer

F60	Idling switch
G69	Throttle valve potentiometer
G88	Throttle valve positioner potentiometer
J220	Motronic control unit, in plenum chamber, left
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T28a	28-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
V60	Throttle valve positioner
15	Earth point, on cylinder head
139	Earth connection (sender earth), in Motronic wiring harness
E9	Positive (+) connection -2- (15), in Motronic wiring harness
G3	Positive (+) connection in cable sleeve - injectors

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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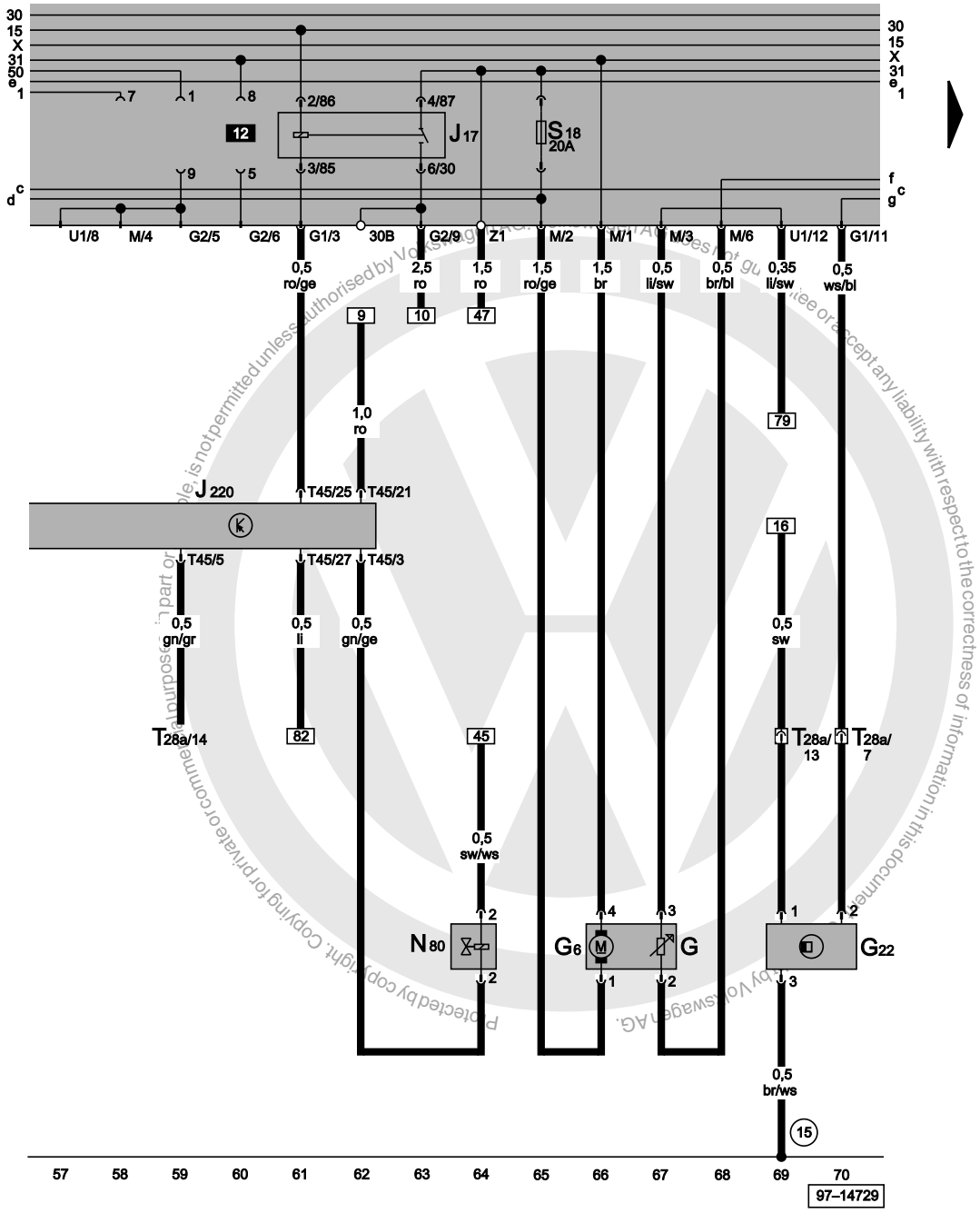

Motronic control unit, activated charcoal filter system solenoid valve, fuel supply system, speedometer sender

G	Fuel gauge sender
G6	Fuel pump
G22	Speedometer sender (hall sender, on gearbox)
J17	Fuel pump relay
J220	Motronic control unit, in plenum chamber, left
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T28a	28-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
(15)	Earth point, on cylinder head

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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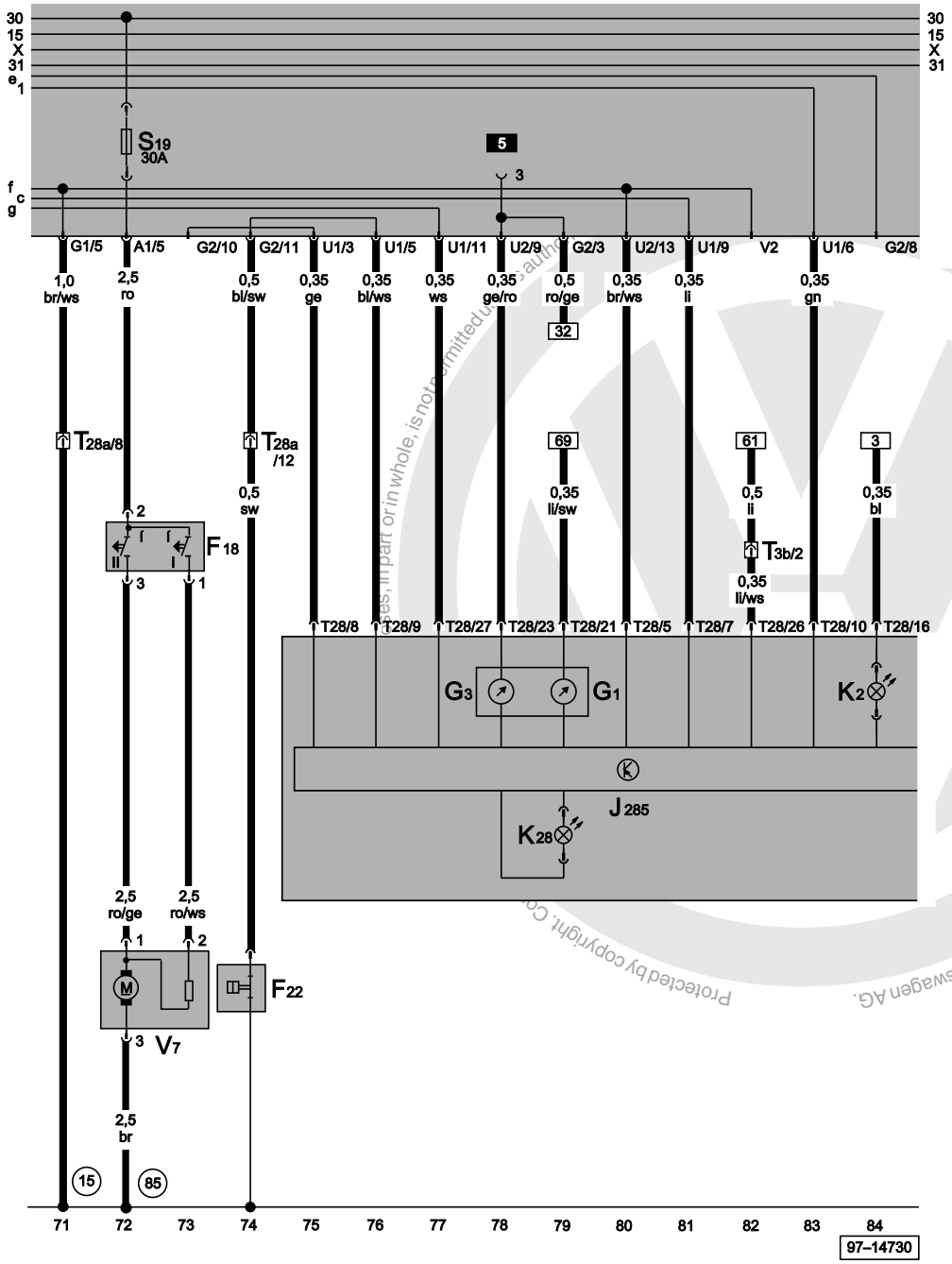

Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, radiator fan

F18	Radiator fan thermo-switch
F22	Oil pressure switch *
G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
T3b	3-pin connector, behind dash panel, left
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness
*	For switch values, Engine Workshop manual, Caddy 1996►, Polo Classic 1996►, Polo Variant 1997►

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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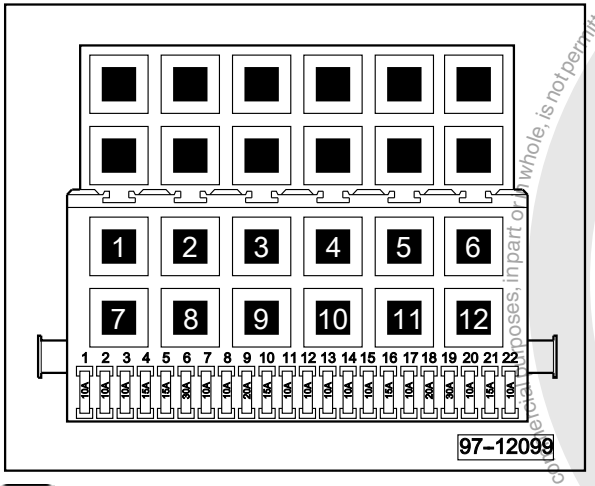
Automatic gearbox

⇒ 1.6 l/55 kW Mono-Motronic, engine code 1F
⇒ 1.8 l/66 kW Mono-Motronic, engine code ADZ
From August 1997

Relay locations



Note:

♦ *For alternatives to relay locations and fuse assignment as well as multi-pin connector wiring see "Fitting locations" section.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - lilac

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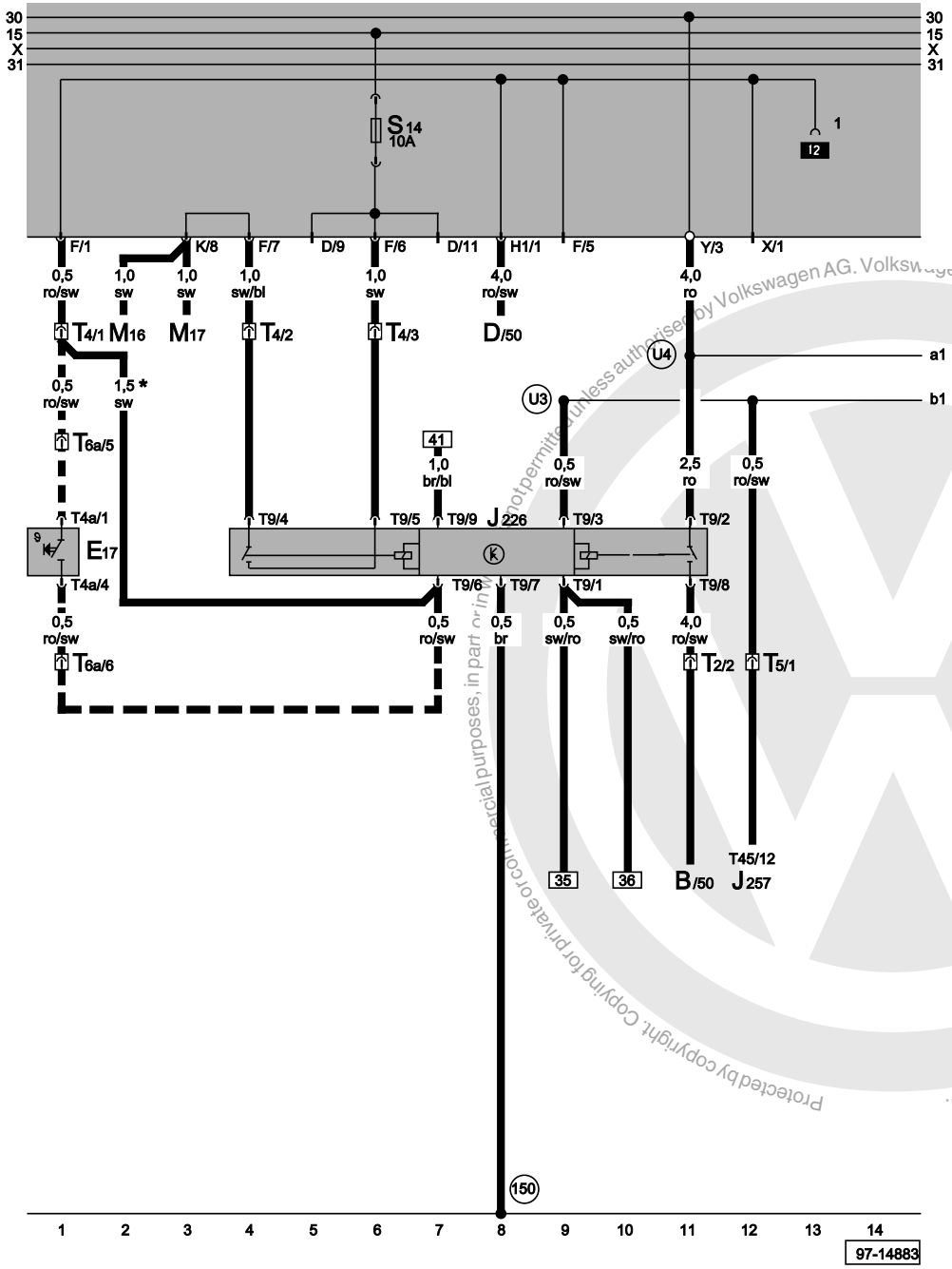

Starter inhibitor and reversing light relay

B	Starter
D	Ignition/starter switch, reading coil
E17	Starter inhibitor and reversing light switch
J226	Starter inhibitor and reversing light relay (175)
J257	Mono-Motronic control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
S14	Fuse in relay plate fuse box
T2	2-pin connector, behind relay plate
T4	4-pin connector, behind relay plate
T4a	4-pin connector, near selector mechanism
T5	5-pin connector, in plenum chamber
T6a	6-pin connector, near selector mechanism
T9	9-pin connector
T45	45-pin connector, on Mono-Motronic control unit
150	Earth connection, in automatic gearbox wiring harness
U3	Connection 1, in automatic gearbox wiring harness
U4	Connection (30), in automatic gearbox wiring harness
*	Left-hand drive vehicles only
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/m_m_m.png" content-width="20pt" scaling="uniform"/>	Right-hand drive vehicles only

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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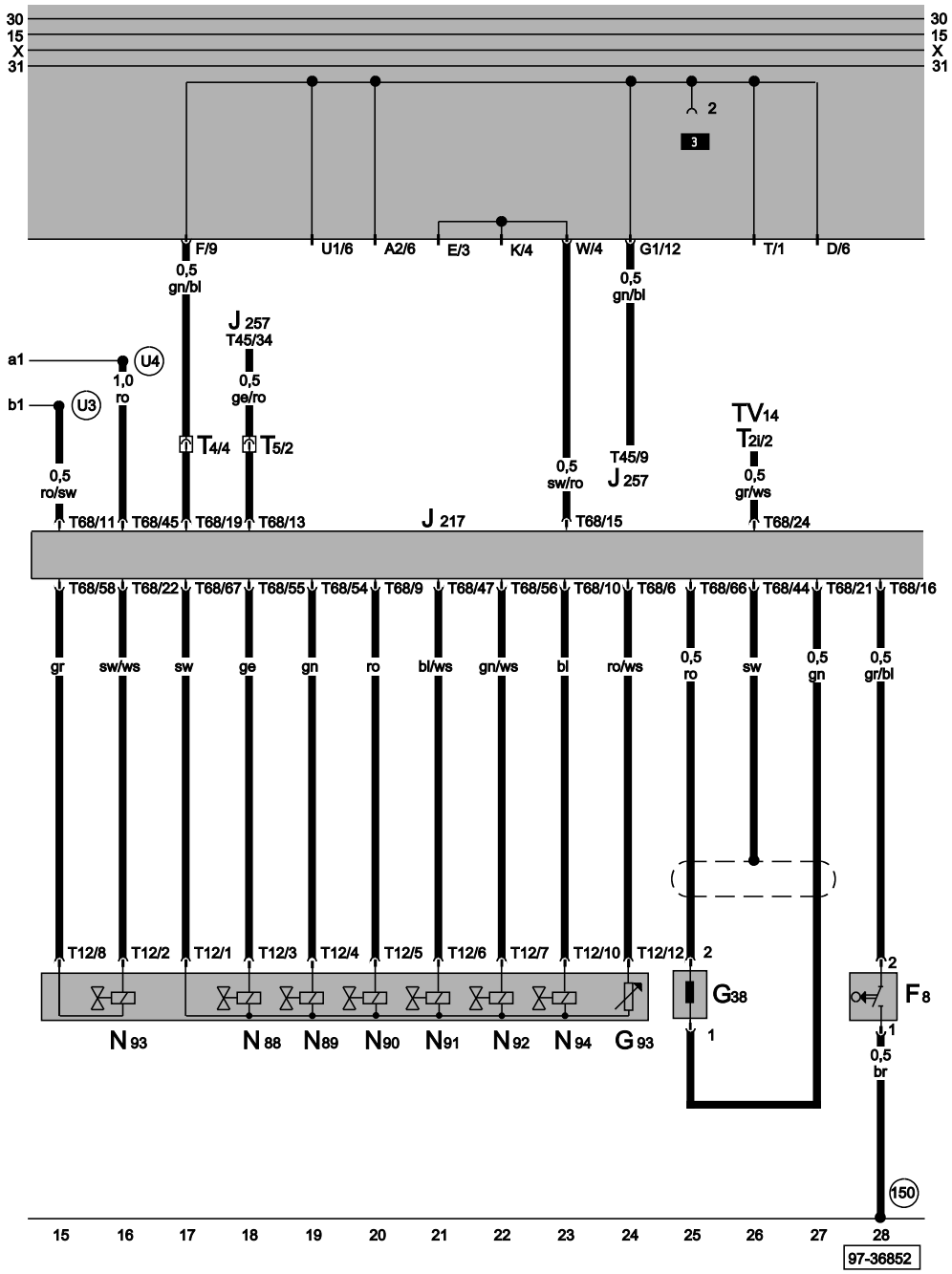

Automatic gearbox control unit, solenoid valves, gearbox speed sender, kick–down switch

F8	Kick-down switch
G38	Gearbox speed sender
G93	Gearbox oil temperature sender
J217	Automatic gearbox control unit, in centre of plenum chamber
J257	Mono-Motronic control unit
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N94	Solenoid valve 7
T2i	2-pin connector
T4	4-pin connector, behind relay plate
T5	5-pin connector, in plenum chamber
T12	12-pin connector
T45	45-pin connector, on Mono-Motronic control unit
T68	68-pin connector
TV14	Self-diagnosis wiring junction, behind relay plate
150	Earth connection, in automatic gearbox wiring harness
U3	Connection 1, in automatic gearbox wiring harness
U4	Connection (30), in automatic gearbox wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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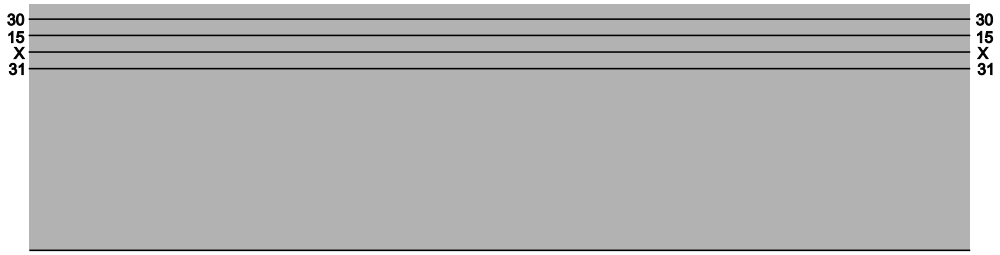

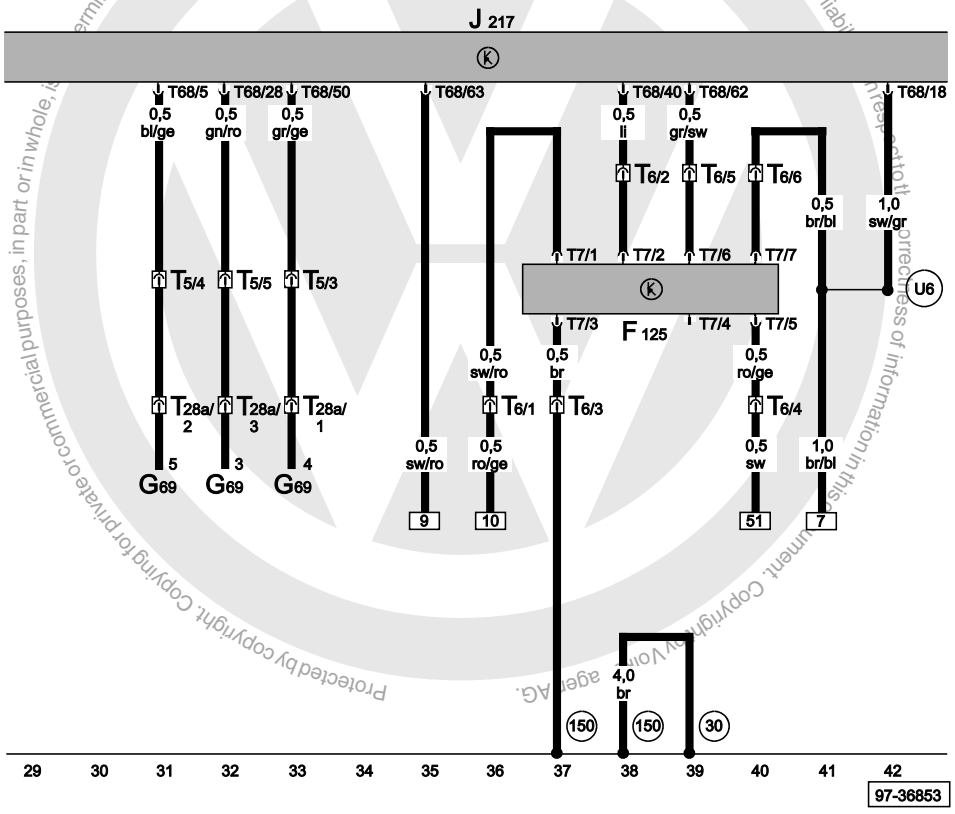

Automatic gearbox control unit, multi–function switch, throttle valve potentiometer

F125	Multi-function switch
G69	Throttle valve potentiometer
J217	Automatic gearbox control unit, in centre of plenum chamber
T5	5-pin connector, in plenum chamber
T6	6-pin connector, on left in engine compartment
T7	7-pin connector
T28a	28-pin connector, on left of engine
T68	68-pin connector
30	Earth point 1, next to relay plate
150	Earth connection, in automatic gearbox wiring harness
U6	Connection 2, in automatic gearbox wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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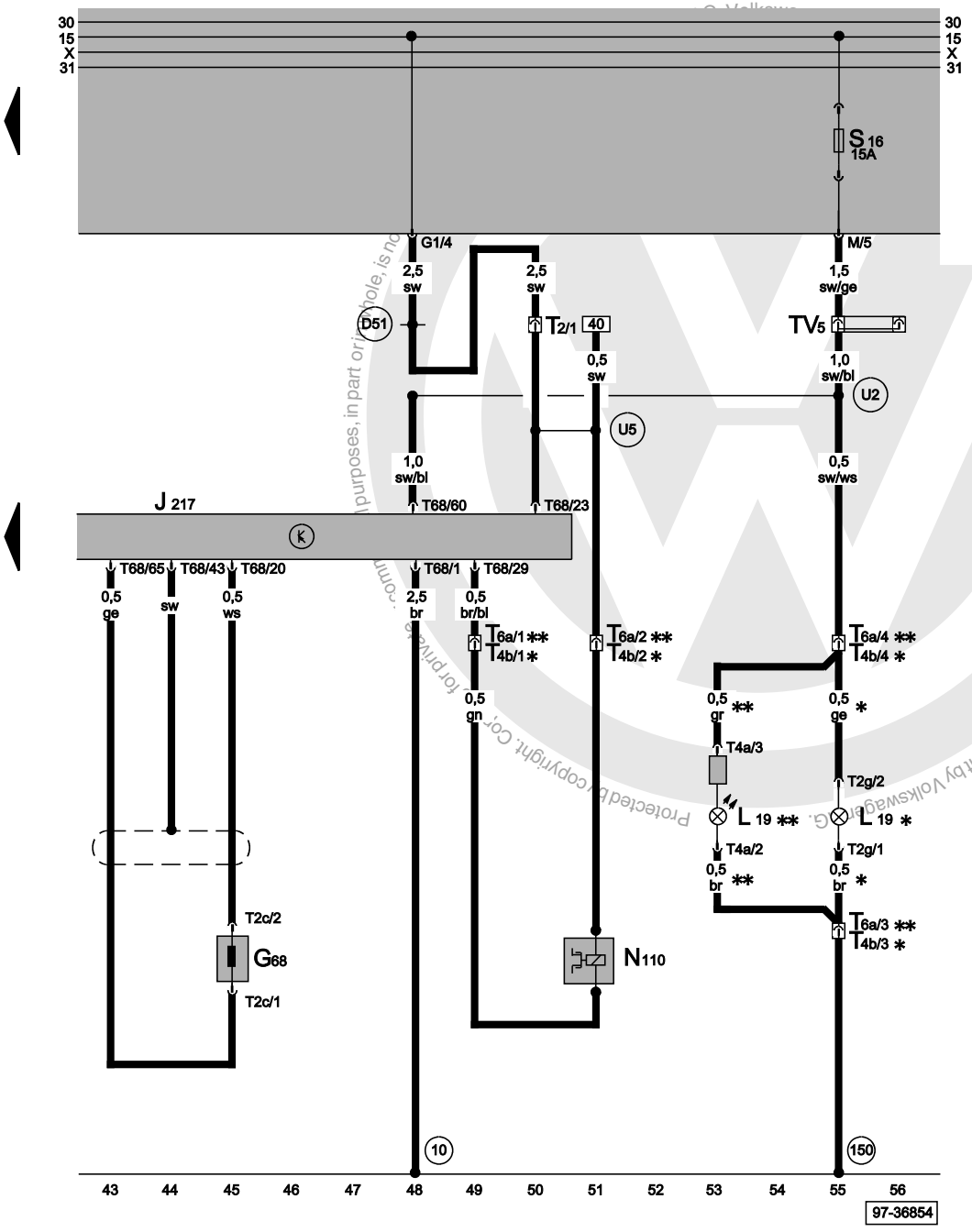

Automatic gearbox control unit, selector lever lock solenoid, vehicle speed sender

G68	Vehicle speed sender
J217	Automatic gearbox control unit, in centre of plenum chamber
L19	Gear selector display light bulb
N110	Selector lever lock solenoid
S16	Fuse in relay plate fuse box
T2	2-pin connector, behind relay plate
T2c	2-pin connector
T2g	2-pin connector
T4a	4-pin connector, near selector mechanism
T4b	4-pin connector
T6a	6-pin connector
T68	68-pin connector
TV5	Terminal 15a wiring junction, above the relay plate
10	Earth point, in plenum chamber
150	Earth connection, in automatic gearbox wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
U2	Connection 1 (15), in automatic gearbox wiring harness
U5	Connection 2 (15), in automatic gearbox wiring harness
*	Left-hand drive vehicles only
**	Right-hand drive vehicles only

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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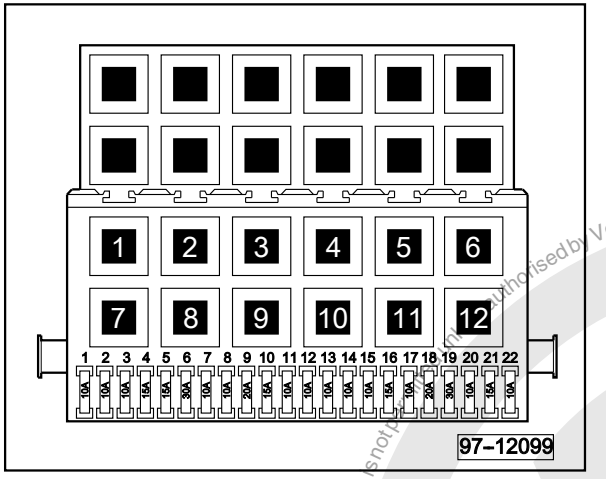
Anti-lock brake system (ABS) and anti-lock brake system (ABS) with electronic differential lock (EDL)

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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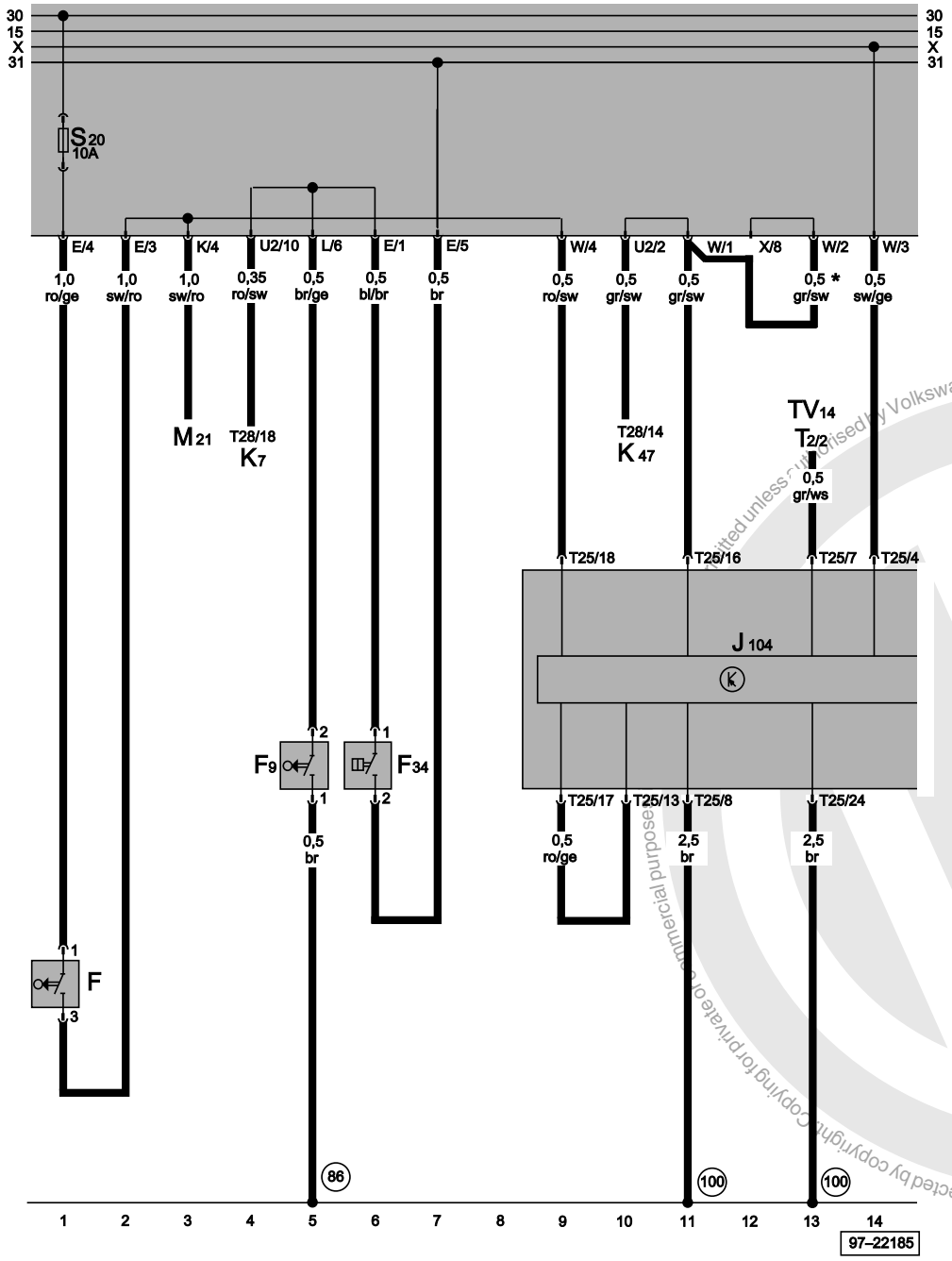

ABS for control unit, brake light switch

F	Brake light switch
F9	Handbrake warning switch
F34	Brake fluid level warning contact
J104	ABS/ABS with EDL control unit, in engine compartment, left
K7	Dual circuit brake/handbrake warning lamp
K47	ABS warning lamp
M21	Brake and tail light bulb, left
T25	25-pin connector, on ABS control unit
T2	2-pin connector, terminal for self-diagnosis, behind the relay plate
T28	28-pin connector, on dash panel insert
TV14	Terminal for self-diagnosis
(100)	Earth connection -1-, in ABS wiring harness
(86)	Earth connection -1-, in rear wiring harness
*	Does not apply to Polo Classic and does not apply to automatic gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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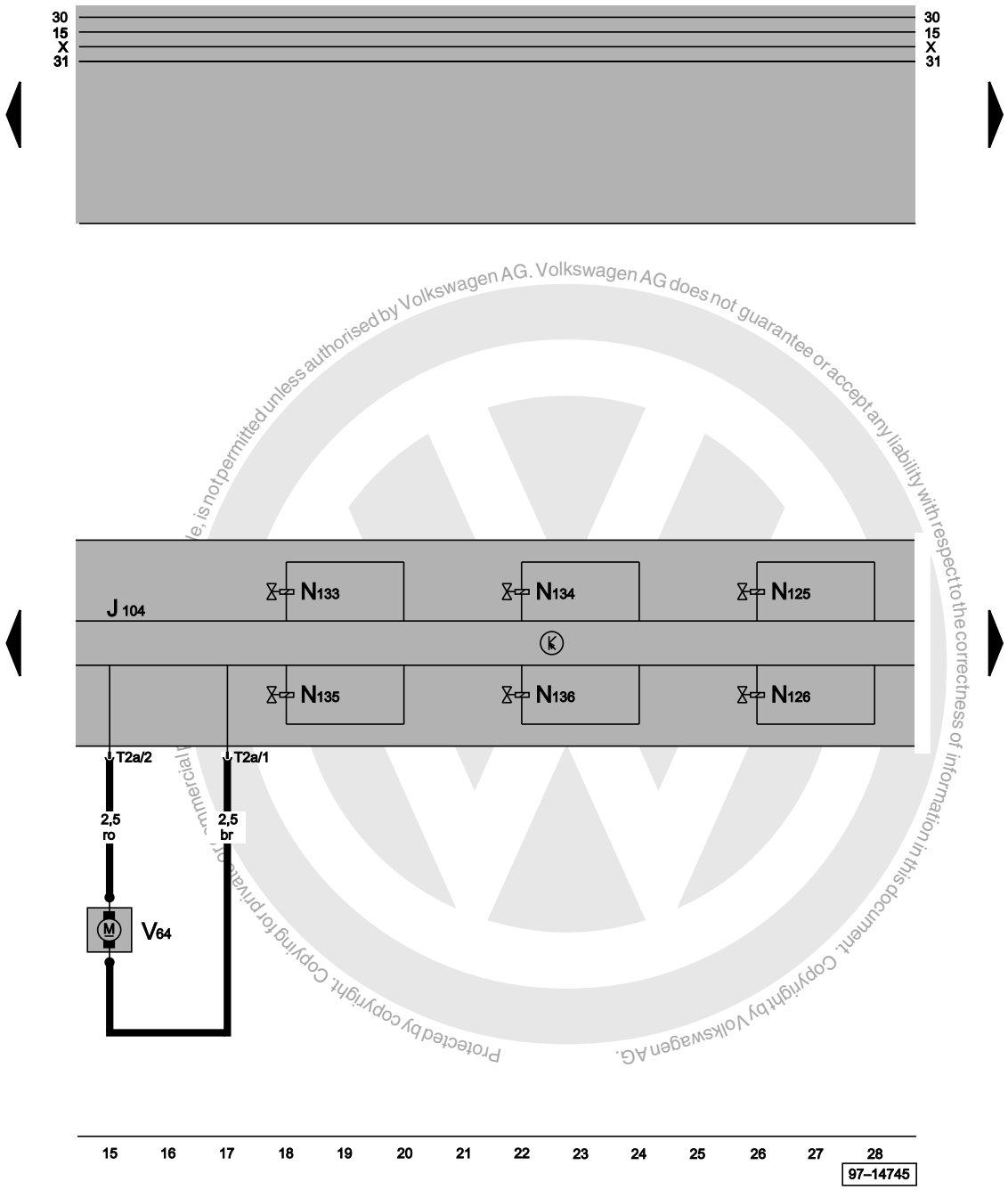

ABS control unit, inlet valves

J104	ABS/ABS with EDL control unit, in engine compartment, left
N125	Differential lock valve 1 (only models with EDL)
N126	Differential lock valve 2 (only models with EDL)
N133	ABS inlet valve, rear right
N134	ABS inlet valve, rear left
N135	ABS outlet valve, rear right
N136	ABS outlet valve, rear left
T2a	2-pin connector, on ABS control unit
V64	ABS hydraulic pump

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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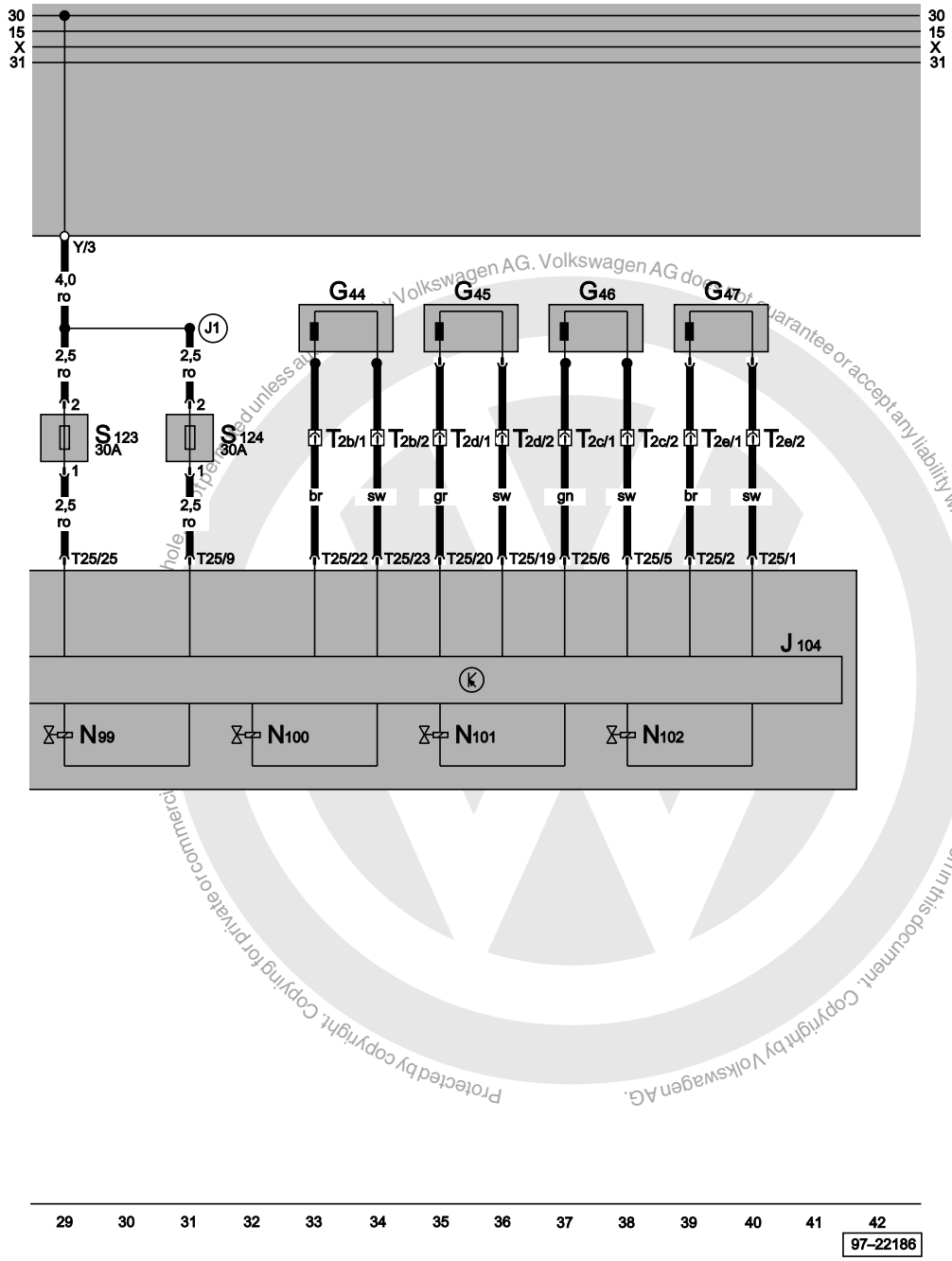

ABS control unit, speed sensor, inlet valves, fuses

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS/ABS with EDL control unit, in engine compartment, left
N99	ABS inlet valve, front right
N100	ABS outlet valve, front right
N101	ABS inlet valve, front left
N102	ABS outlet valve, front left
S123	Fuse 1 for ABS control unit, above the relay plate
S124	Fuse 2 for ABS control unit, above the relay plate
T2b	2-pin connector, under rear seat bench
T2c	2-pin connector, under rear seat bench
T2d	2-pin connector, in engine compartment, right
T2e	2-pin connector, in engine compartment, left
T25	25-pin connector, on ABS control unit
J1	Positive (+) connection (30), in ABS wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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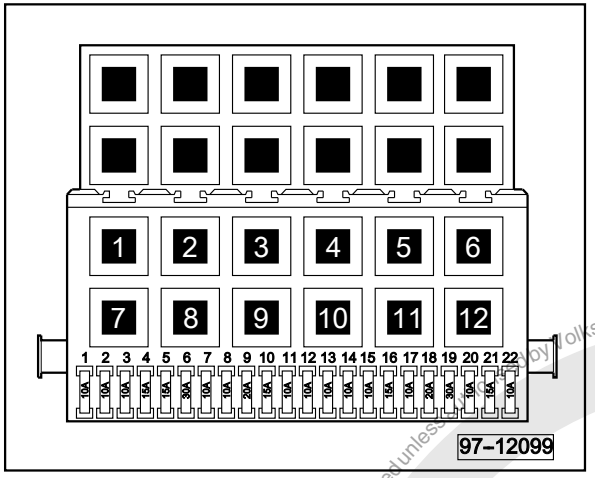
Airbag

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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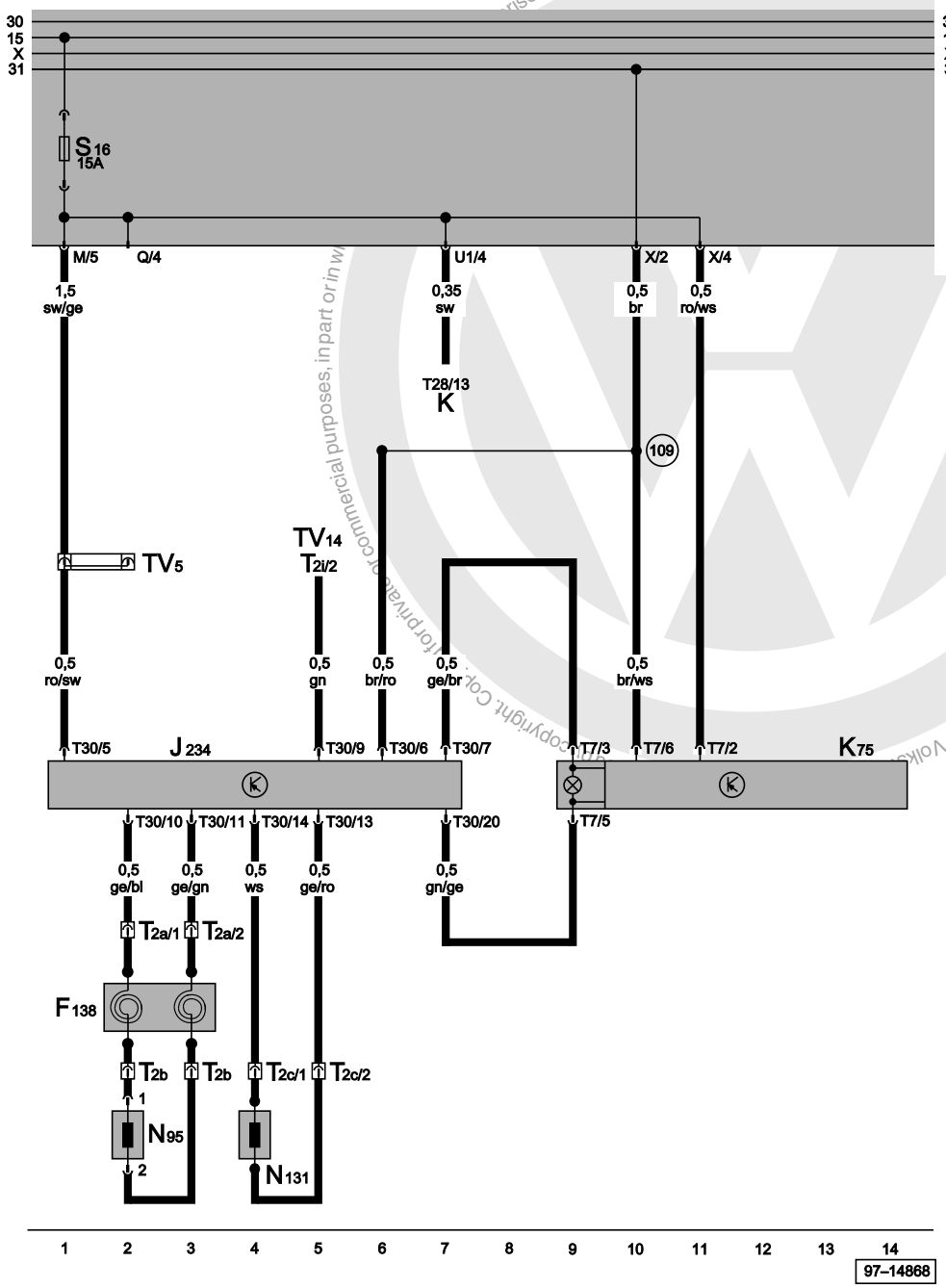

Airbag control unit, airbag warning lamp, airbag igniter, airbag coil connector

F138	Airbag coil connector, return spring with slip ring
J234	Airbag control unit, under console
K	Dash panel insert
K75	Airbag warning lamp
N95	Airbag igniter, driver's side
N131	Airbag igniter 1, front passenger's side
T2a	2-pin connector, behind steering column switch trim
T2b	2-pin connector, in steering wheel
T2c	2-pin connector, behind dash panel, right
T2i	2-pin connector
T7	7-pin connector, airbag warning lamp
T28	28-pin connector, on dash panel insert
T30	30-pin connector, airbag control unit
TV5	Terminal 15a junction box, above the relay plate
TV14	Terminal for self-diagnosis, behind relay plate
109	Earth connection, in airbag wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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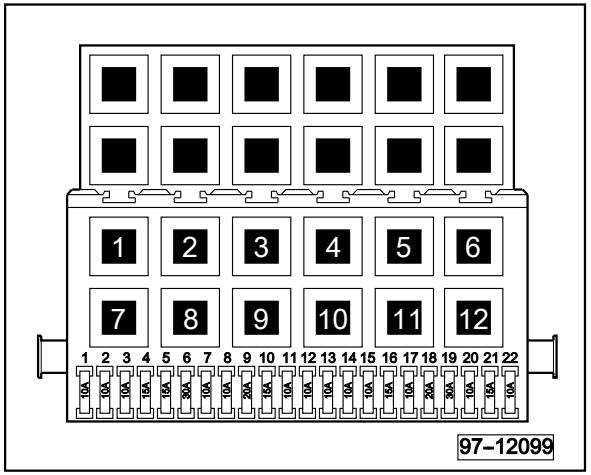
Immobilizer

⇒ 1.9 l/47 kW diesel engine, engine code AEY
⇒ 1.9 l/66 kW diesel engine, engine code AHU
From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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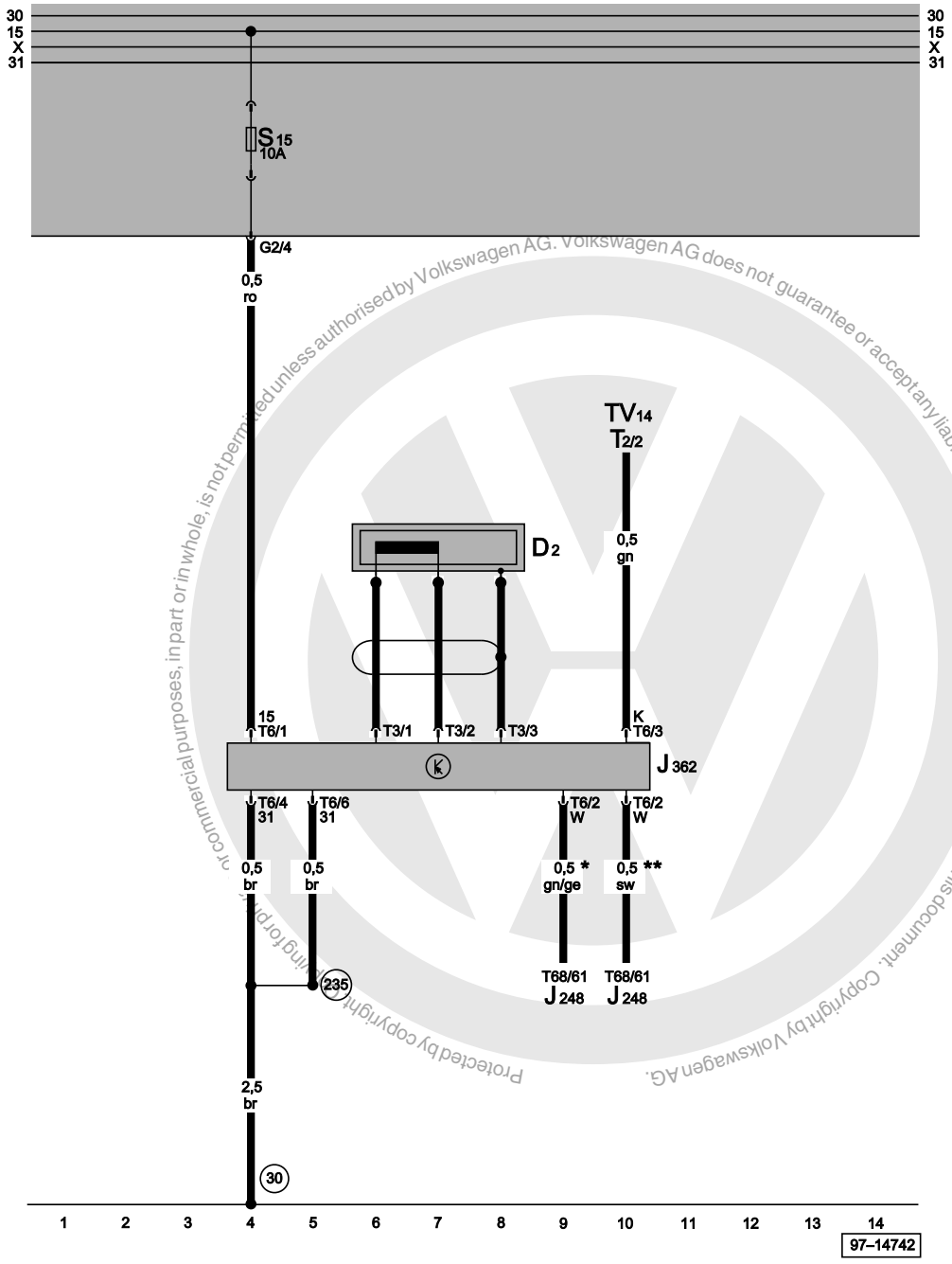

Immobilizer

D2	Immobilizer reading coil
J248	Diesel direct injection system control unit, in plenum chamber, left
J362	Immobilizer control unit, on dash panel, above the relay plate
T2	2-pin connector, terminal for self-diagnosis, behind the relay plate
T3	3-pin connector
T6	6-pin connector
T68	68-pin connector, on Diesel control unit
TV14	Terminal for self-diagnosis
(30)	Earth point -1-, next to relay plate
(235)	Earth connection, in immobilizer wiring harness
*	On engine codes AEY and on engine codes AHB
*	On engine codes AHU

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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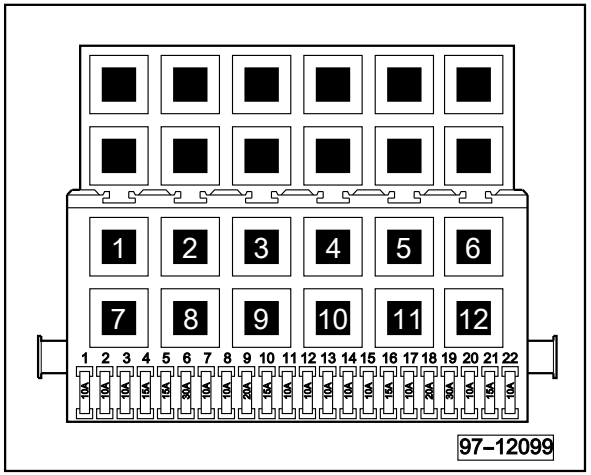
Immobilizer

⇒ 1.4 l/44 kW Motronic, engine codes AEX
⇒ 1.6 l Simos/74 kW, engine codes AFT
⇒ 1.6 l/55 kW Mono - Motronic, engine codes 1F
⇒ 1.8 l/66 kW Mono - Motronic, engine codes ADZ
From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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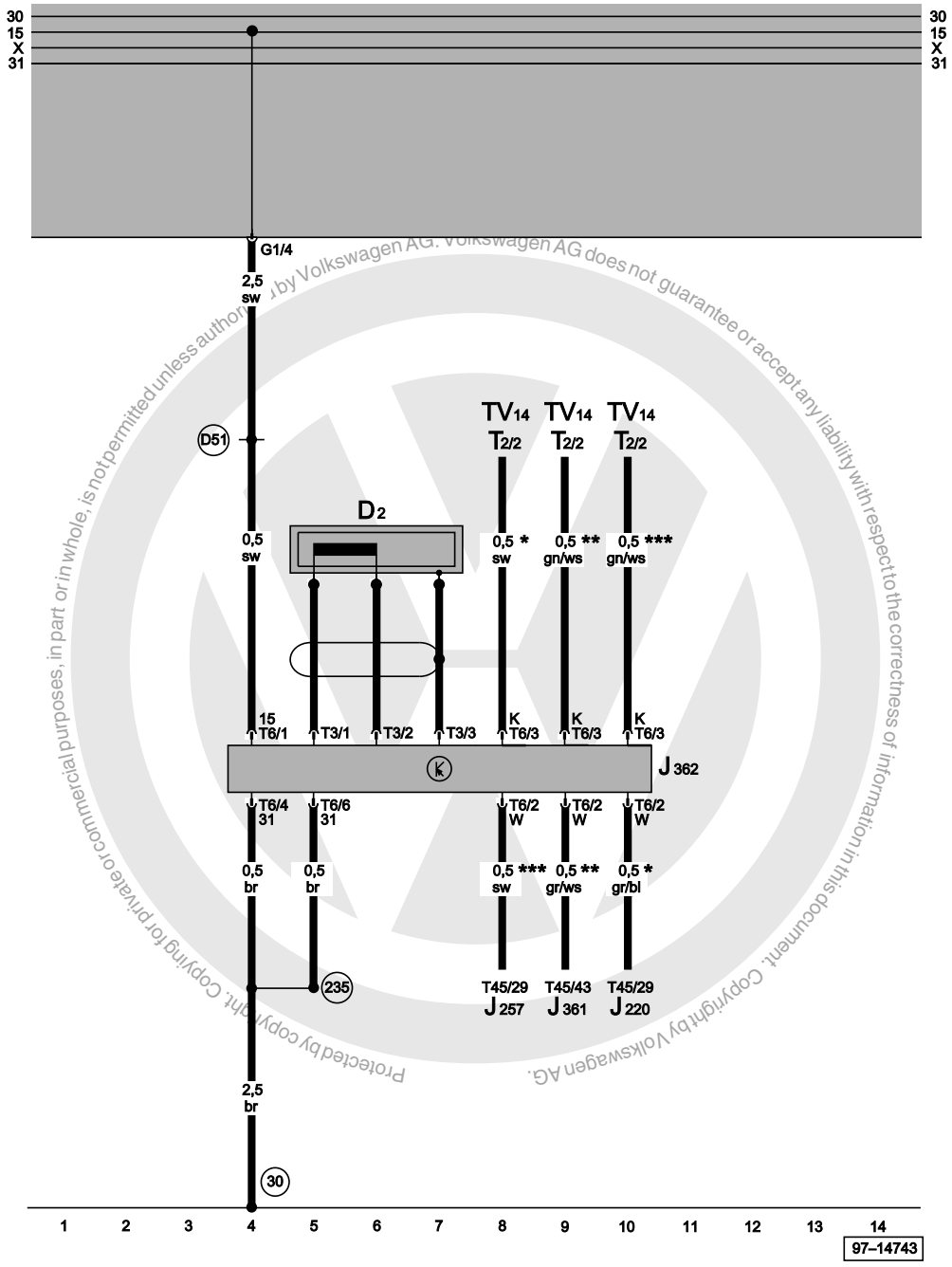

Immobilizer

D2	Immobilizer reading coil
J220	Motronic control unit, in plenum chamber, left
J257	Mono-Motronic control unit, in plenum chamber, left
J361	Simos control unit, in plenum chamber, left
J362	Immobilizer control unit, on dash panel, above the relay plate
T2	2-pin connector, terminal for self-diagnosis, behind the relay plate
T3	3-pin connector
T6	6-pin connector
T45	45-pin connector
TV14	Terminal for self-diagnosis
30	Earth point -1-, next to relay plate
235	Earth connection, in immobilizer wiring harness
D51	Connection -1- (15), in engine compartment wiring harness
*	On engine codes AEX
**	On engine codes AFT
***	On engine codes 1F and ADZ

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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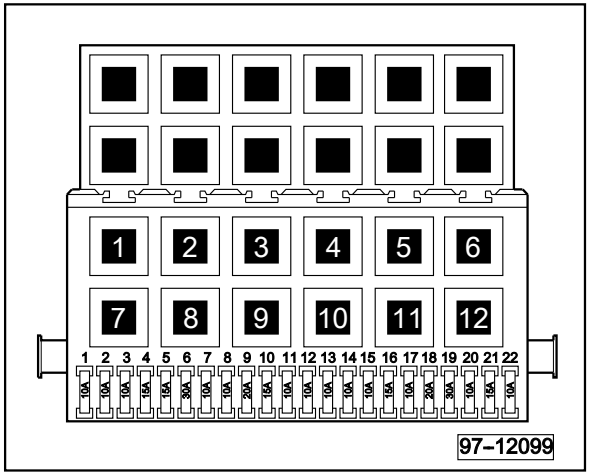
Trailer, only with Polo Classic

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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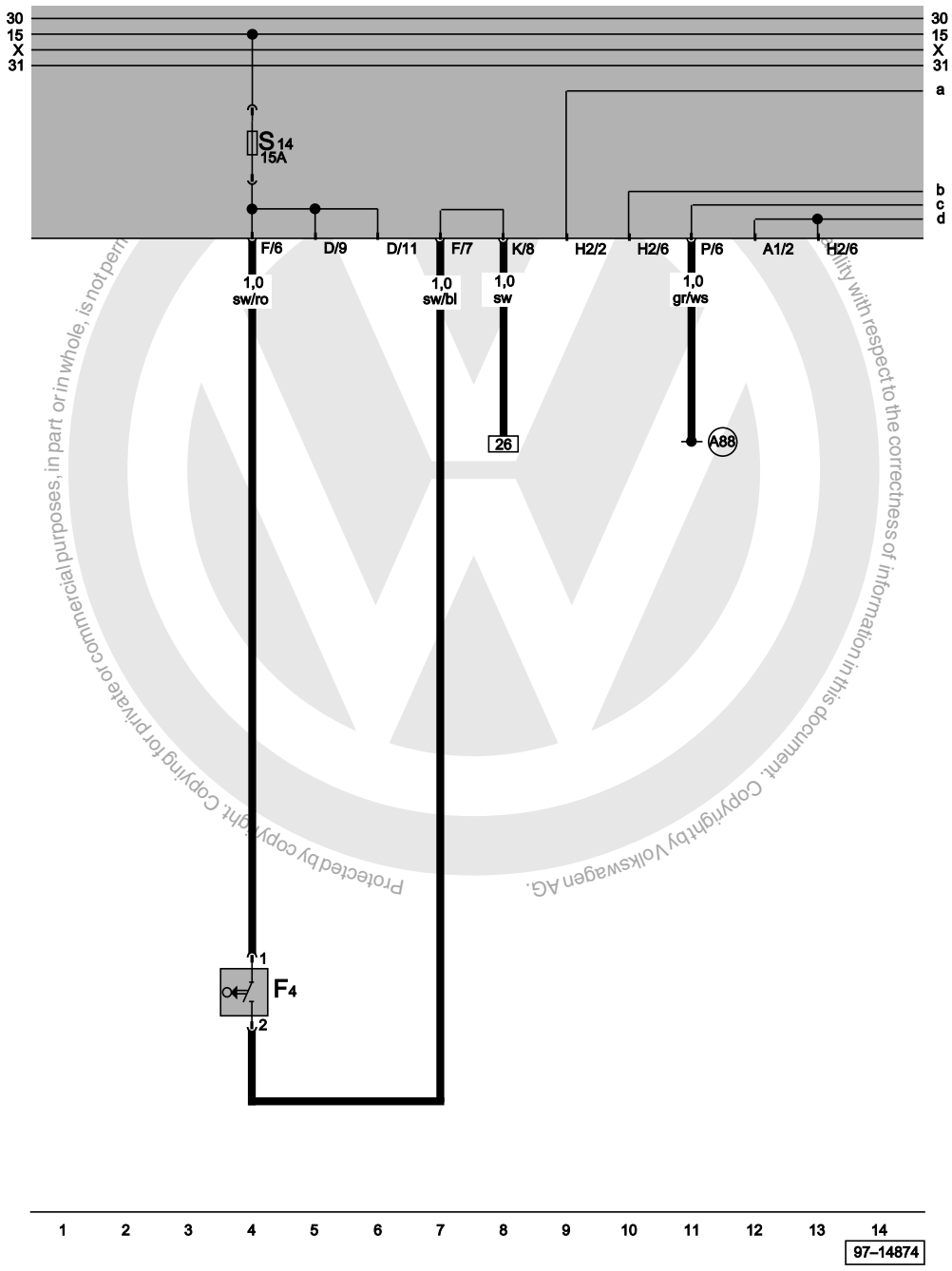

Reversing light switch

F4 Reversing light switch

A88 Connection (rear fog light), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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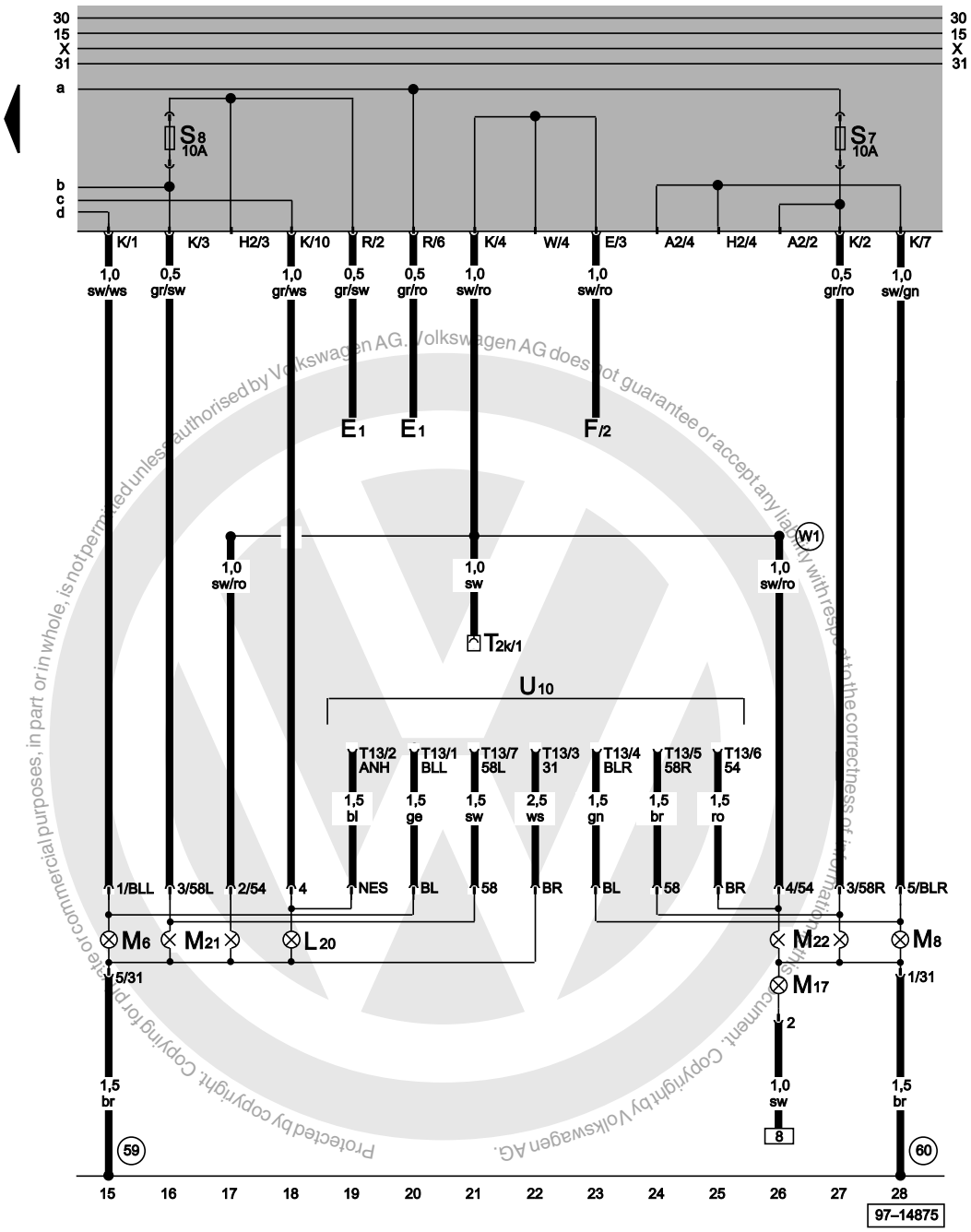

Trailer socket, left tail light, right tail light

E1	Lighting switch
F	Brake light switch
L20	Rear fog light bulb
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M17	Reversing light bulb, right
M21	Brake and tail light bulb, left
M22	Brake and tail light bulb, right
T2k	2-pin connector, near left tail light
T13	13-pin connector
U10	Trailer socket
59	Earth point, near left tail light
60	Earth point -2-, near right tail light
W1	Positive (+) connection (54), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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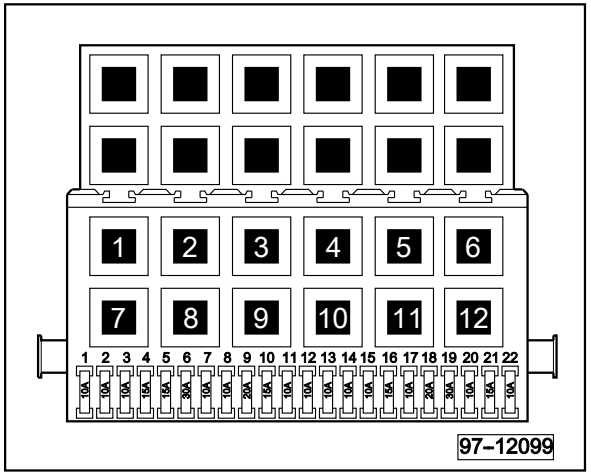
Electrically adjustable and heated exterior mirrors, only Polo Variant

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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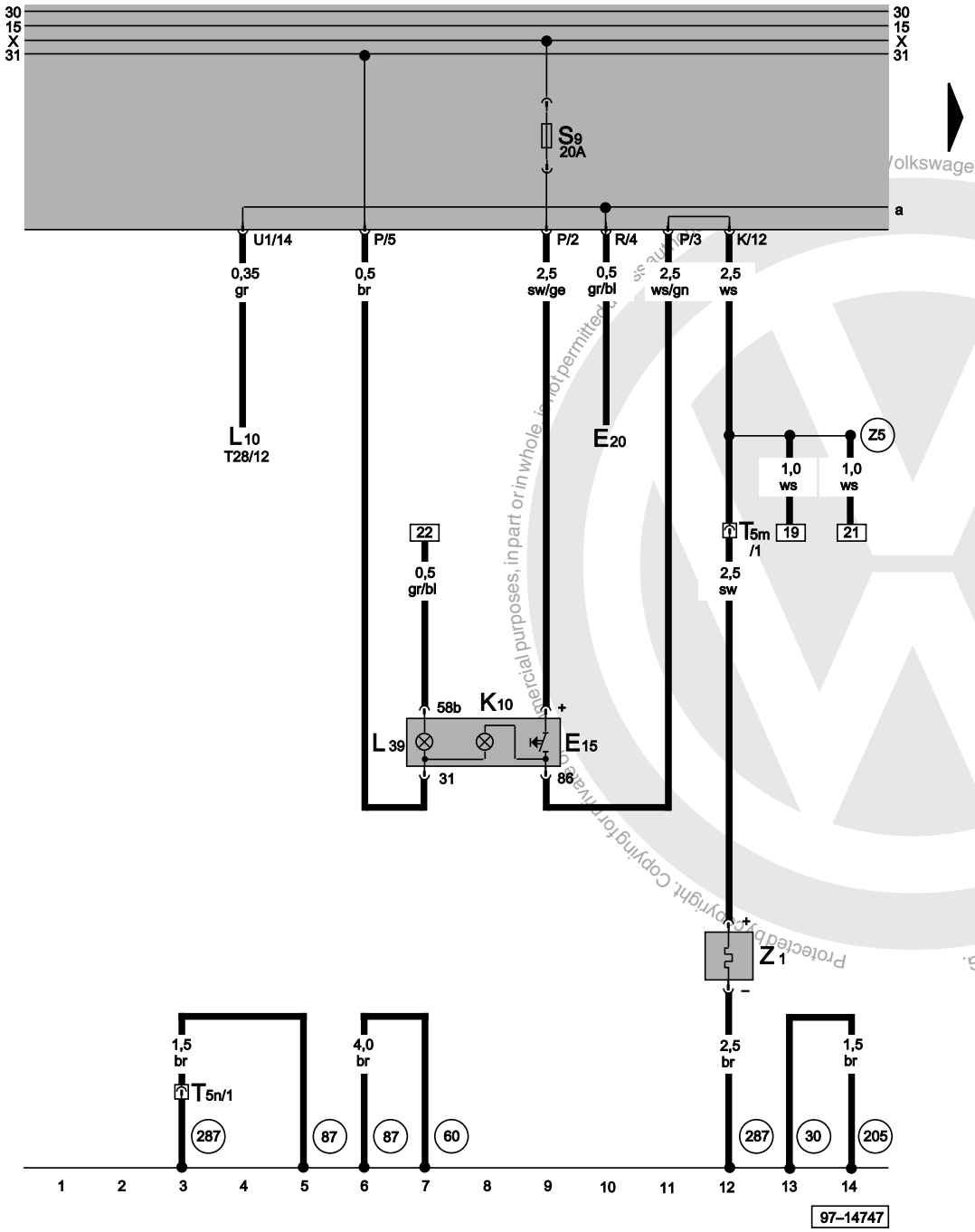

Heated rear window switch, heated rear window

E15	Heated rear window switch
E20	Switches and instruments - lighting control
K10	Heated rear window warning lamp
L10	Dash panel insert light bulb
L39	Heated rear window switch bulb
T5m	5-pin connector, near right tail light
T5n	5-pin connector, near left tail light
T28	28-pin connector, on dash panel insert
Z1	Heated rear window
30	Earth point -1-, next to relay plate
60	Earth point -2-, near right tail light
87	Earth connection -2-, in rear wiring harness
205	Earth connection, in door wiring harness - driver's side
287	Earth connection, in rear lid pre-wiring wiring harness
Z5	Connection, in window heating wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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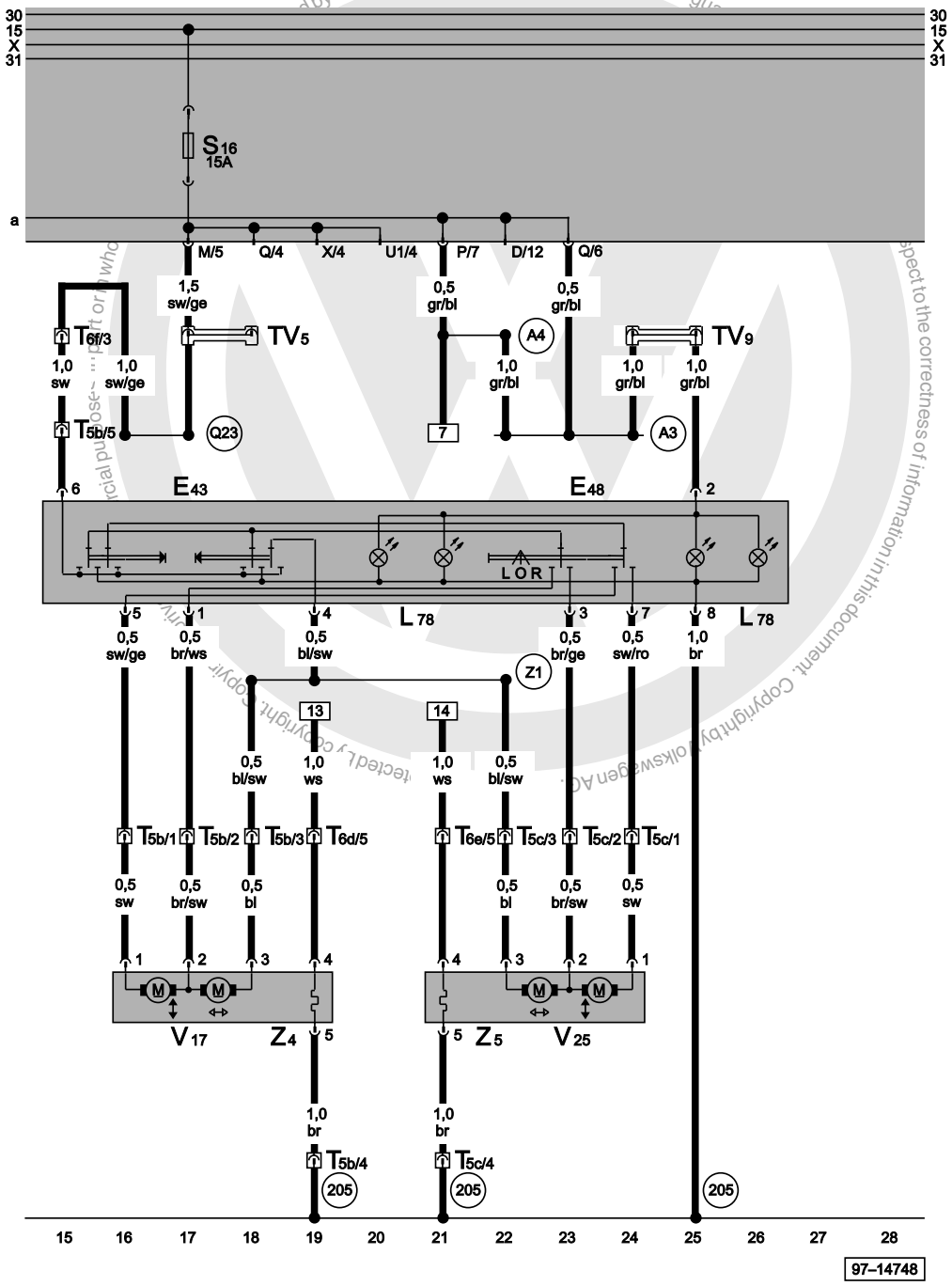


Mirror adjustment switch, mirror adjustment motor, heated exterior mirrors

E43	Mirror adjustment switch
E48	Mirror adjustment change-over switch
L78	Mirror adjustment switch illumination
T5b	5-pin connector, on lower part of left A pillar
T5c	5-pin connector, on lower part of right A pillar
T6d	6-pin connector, on lower part of left A pillar
T6e	6-pin connector, on lower part of right A pillar
T6f	6-pin connector, on lower part of left A pillar
TV5	Terminal 15a junction box, above the relay plate
TV9	Terminal 58 junction box, above the relay plate
V17	Mirror adjustment motor, driver' side
V25	Mirror adjustment motor, front passenger's side
Z4	Heated exterior mirror, driver's side
Z5	Heated exterior mirror, front passenger's side
205	Earth connection, in door wiring harness - driver's side
A3	Positive (+) connection (58), in dash panel wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
Q23	Positive (+) connection -2- (15), in electric window wiring harness
Z1	Connection -1-, in mirror adjustment/heating wiring harness

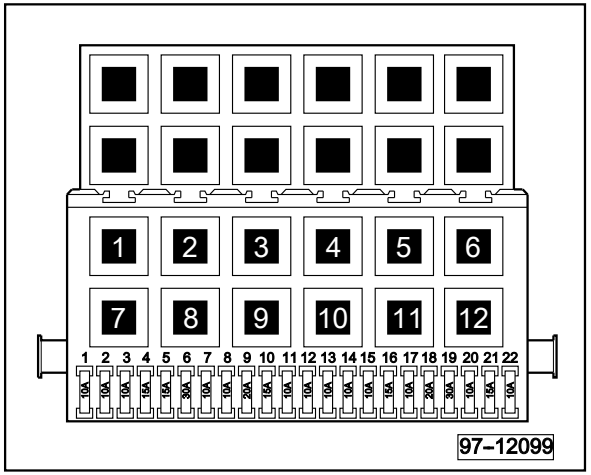
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica

Front window lifter

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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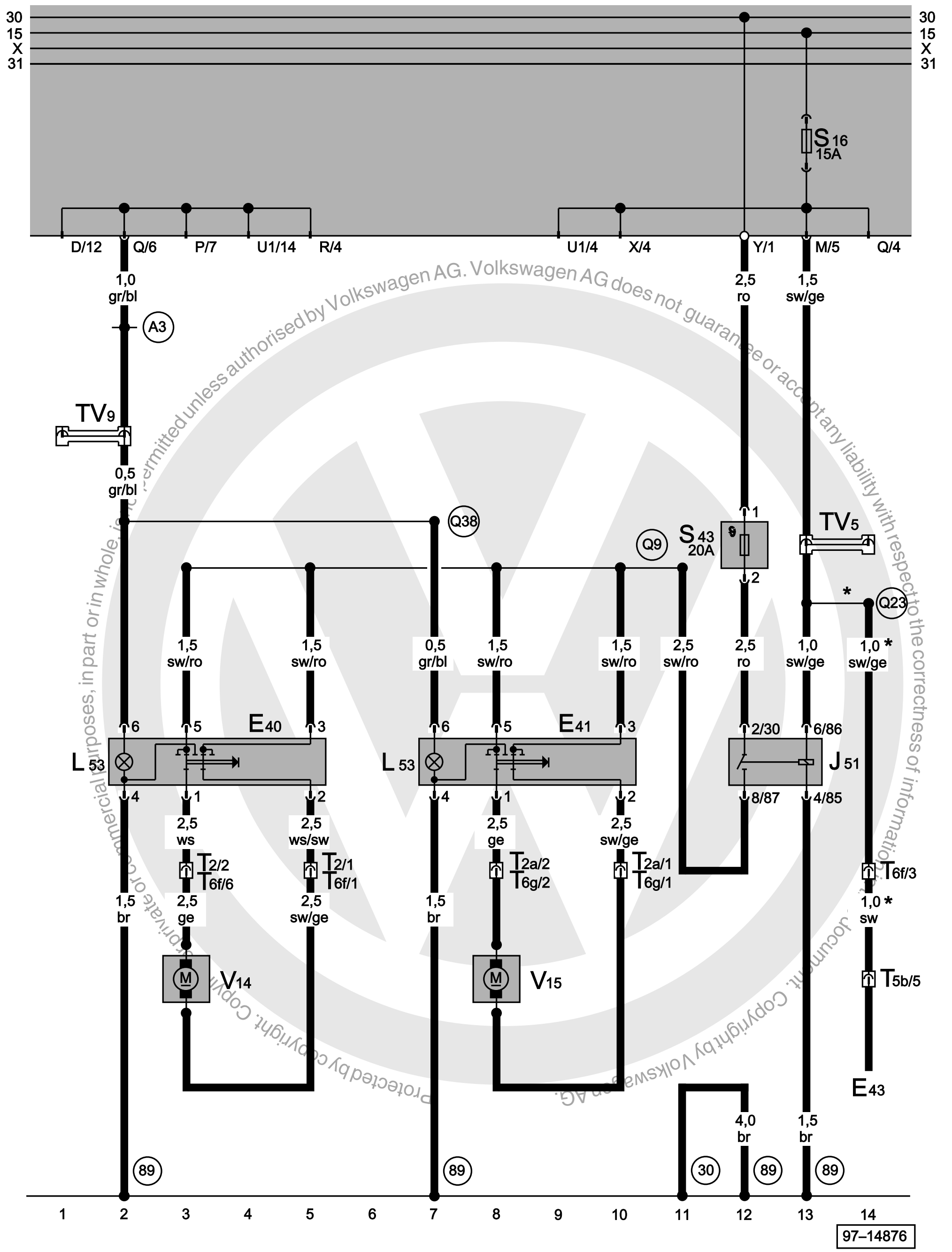

Front window lifter

E40	Front left electric window switch
E41	Front right electric window switch
E43	Mirror adjustment switch
J51	Close electric window relay
L53	Window switch light bulb
S43	Window lifter thermo-fuse
T2	2-pin connector, on lower part of left A-pillar (does not apply to models with central locking)
T2a	2-pin connector, on lower part of right A-pillar (does not apply to models with central locking)
T5b	5-pin connector, on lower part of left A pillar
T6f	6-pin connector
T6g	6-pin connector
TV5	Terminal 15a junction box
TV9	Terminal 58 junction box
V14	Electric window motor, left
V15	Electric window motor, right
30	Earth point -1-, next to relay plate
89	Earth connection -1-, in electric window wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
Q9	Connection in electric window wiring harness
Q23	Positive (+) connection -2- (15), in electric window wiring harness
Q38	Positive (+) connection (58b) -1-, in electric window wiring harness
*	Only Polo Variant

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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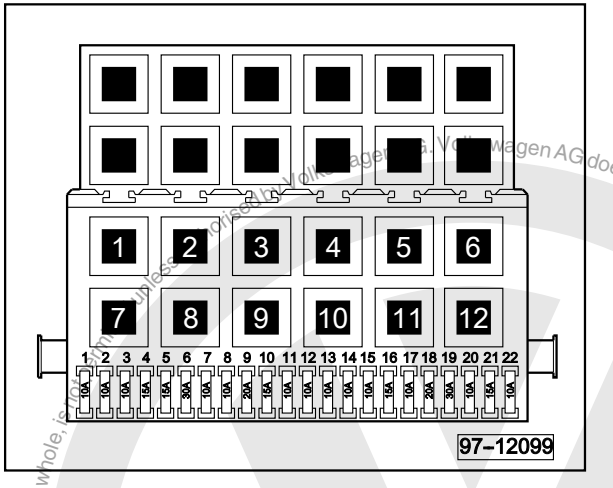
Electric windows

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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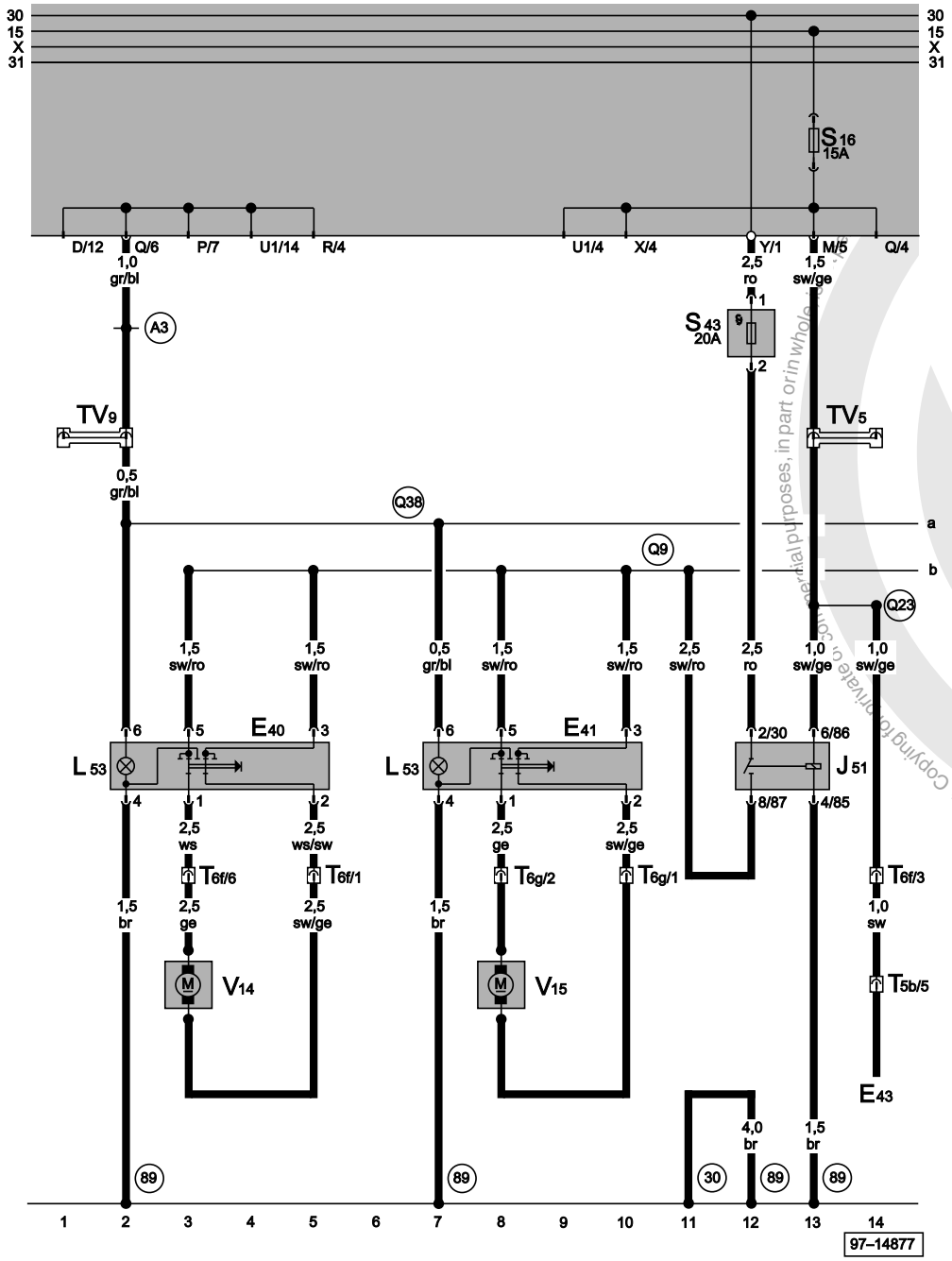

Front window lifter

E40	Front left electric window switch
E41	Front right electric window switch
E43	Mirror adjustment switch
J51	Close electric window relay
L53	Window switch light bulb
S43	Window lifter thermo-fuse
T5b	5-pin connector, on lower part of left A pillar
T6f	6-pin connector, on lower part of left A pillar
T6g	6-pin connector, on lower part of right A pillar
TV5	Terminal 15a junction box
TV9	Terminal 58 junction box
V14	Electric window motor, left
V15	Electric window motor, right
30	Earth point -1-, next to relay plate
89	Earth connection -1-, in electric window wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
Q9	Connection in electric window wiring harness
Q23	Positive (+) connection -2- (15), in electric window wiring harness
Q38	Positive (+) connection (58b) -1-, in electric window wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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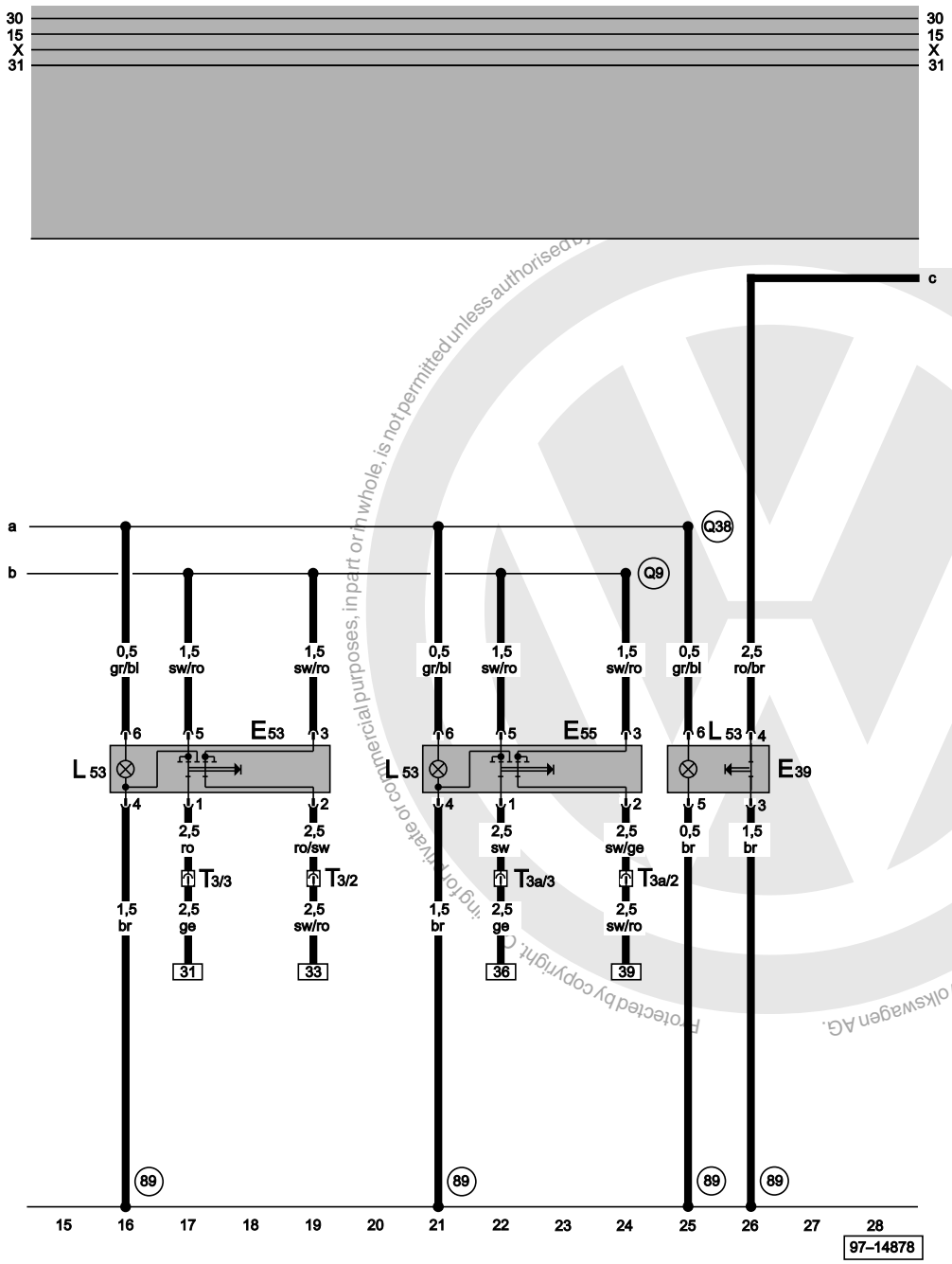

Window lifter switch, rear left (in console), window lifter switch, rear right (in console), rear electric window isolation switch

E39	Rear electric window isolation switch
E53	Window lifter switch, rear left (in console)
E55	Window lifter switch, rear right (in console)
L53	Window switch light bulb
T3	3-pin connector, on lower part of left B pillar
T3a	3-pin connector, on lower part of right B pillar
89	Earth connection -1-, in electric window wiring harness
Q9	Connection in electric window wiring harness
Q38	Positive (+) connection (58b) -1-, in electric window wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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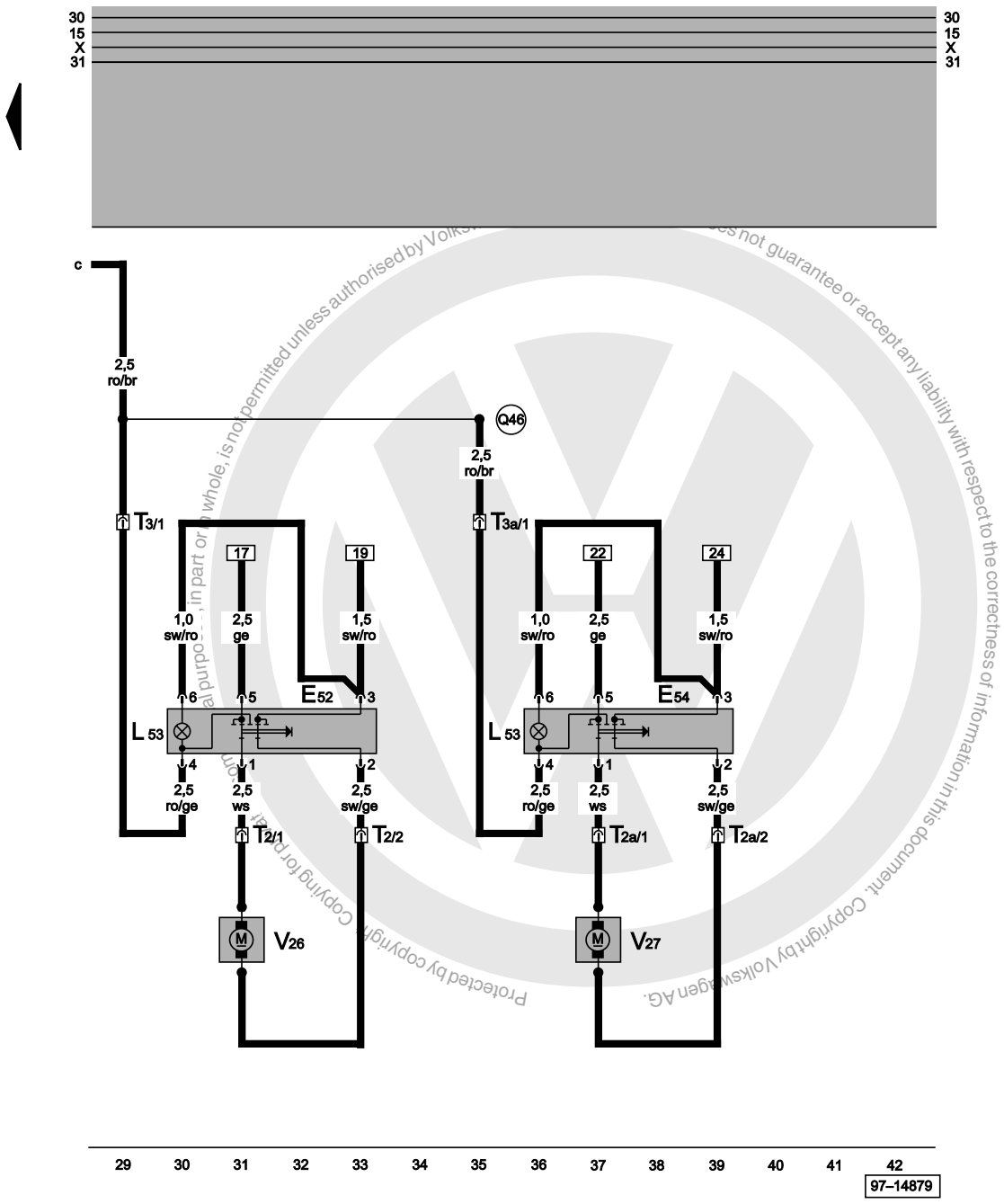

Window lifter switch, rear left (in door), window lifter switch, rear right (in door), electric window motor, rear left, electric window motor, rear right

E52	Electric window switch, rear left (in door)
E54	Electric window switch, rear right (in door)
L53	Window switch light bulb
T2	2-pin connector, in door, rear left
T2a	2-pin connector, in door, rear right
T3	3-pin connector, on lower part of left B pillar
T3a	3-pin connector, on lower part of right B pillar
V26	Electric window motor, rear left
V27	Electric window motor, rear right
89	Earth connection -1-, in electric window wiring harness
Q46	Connection (child safety), in electric window wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Seat heating

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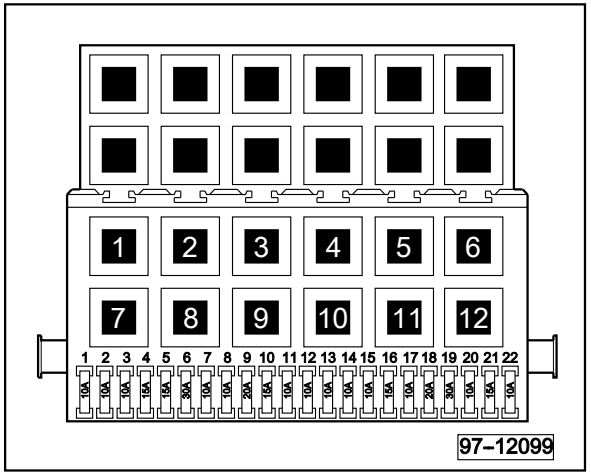
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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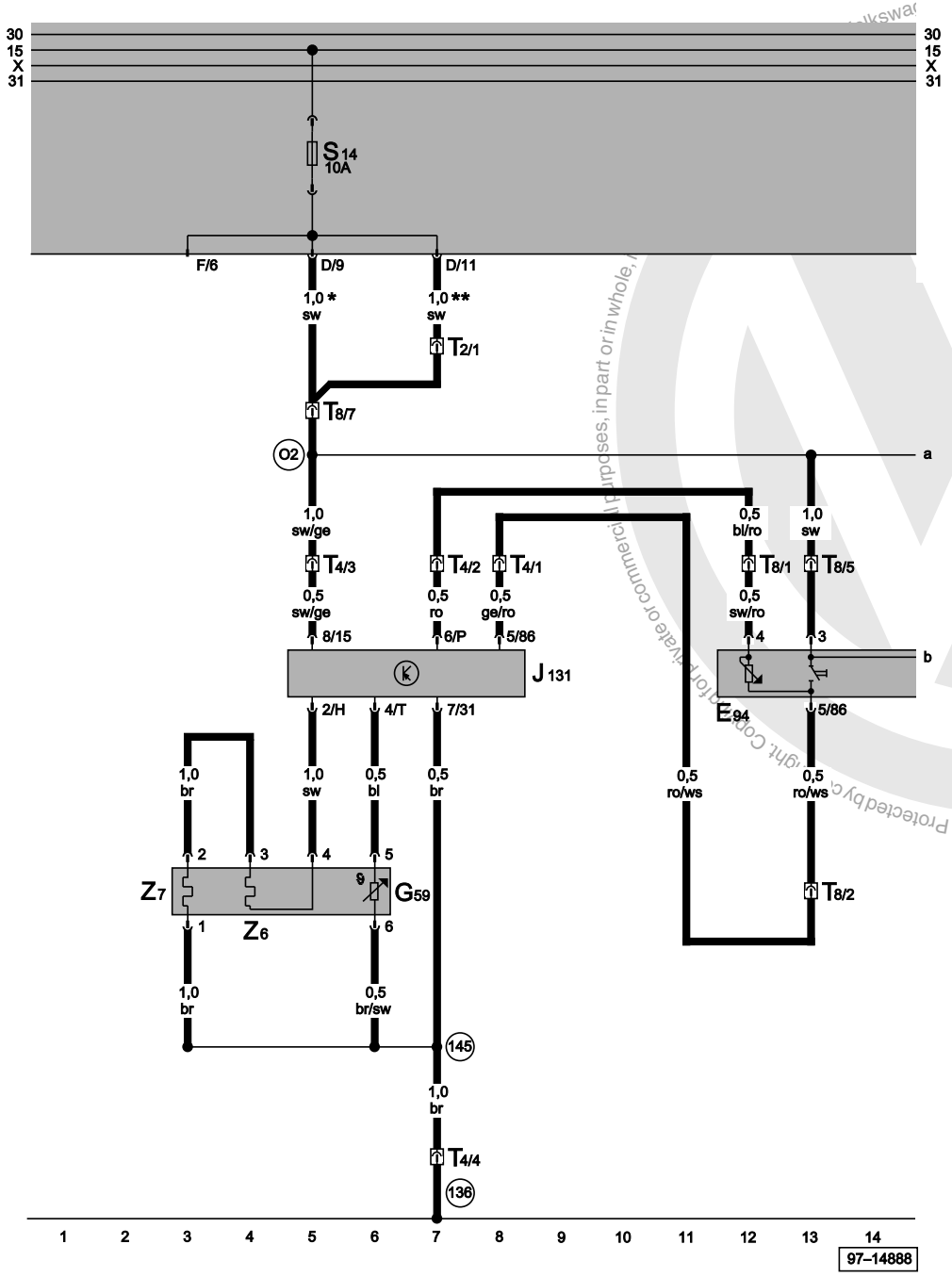

Heated driver's seat

E94	Heated driver's seat adjuster
G59	Driver's seat temperature sensor
J131	Heated driver seat control unit, under driver's seat
T2	2-pin connector, behind relay plate
T4	4-pin connector, under driver's seat
T8	8-pin connector, behind relay plate
Z6	Heated driver's seat
Z7	Heated driver's seat backrest
136	Earth connection -2-, in seat heating wiring harness
145	Earth connection -3-, in seat heating wiring harness
O2	Positive (+) connection (15), in seat heating wiring harness
*	Not with headlight washer system
**	Only models with headlight washer system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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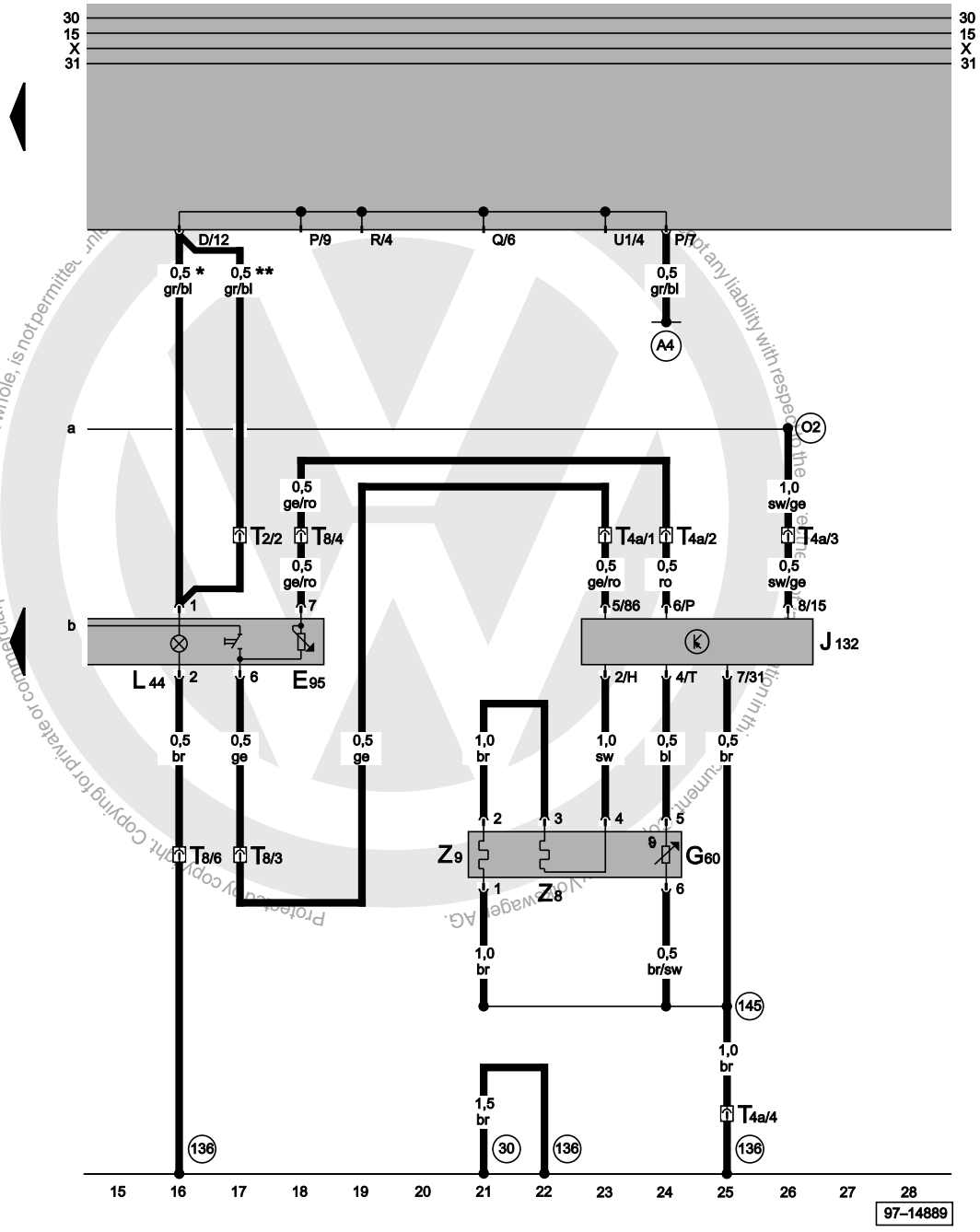


Heated front passenger's side

E95	Heated front passenger's seat adjuster
G60	Front passenger's seat temperature sensor
J132	Heated front passenger's seat control unit, under front passenger's seat
L44	Seat heating switch light bulb
T2	2-pin connector, behind relay plate
T4a	4-pin connector, under front passenger seat
T8	8-pin connector, behind relay plate
Z8	Heated front passenger's seat
Z9	Heated front passenger's seat backrest
30	Earth point -1-, next to relay plate
136	Earth connection -2-, in seat heating wiring harness
145	Earth connection -3-, in seat heating wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
O2	Positive (+) connection (15), in seat heating wiring harness
*	Not with headlight washer system
**	Only models with headlight washer system

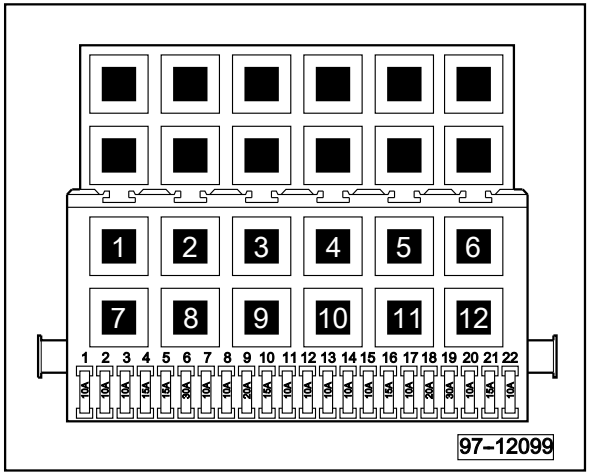
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica

Radio systems

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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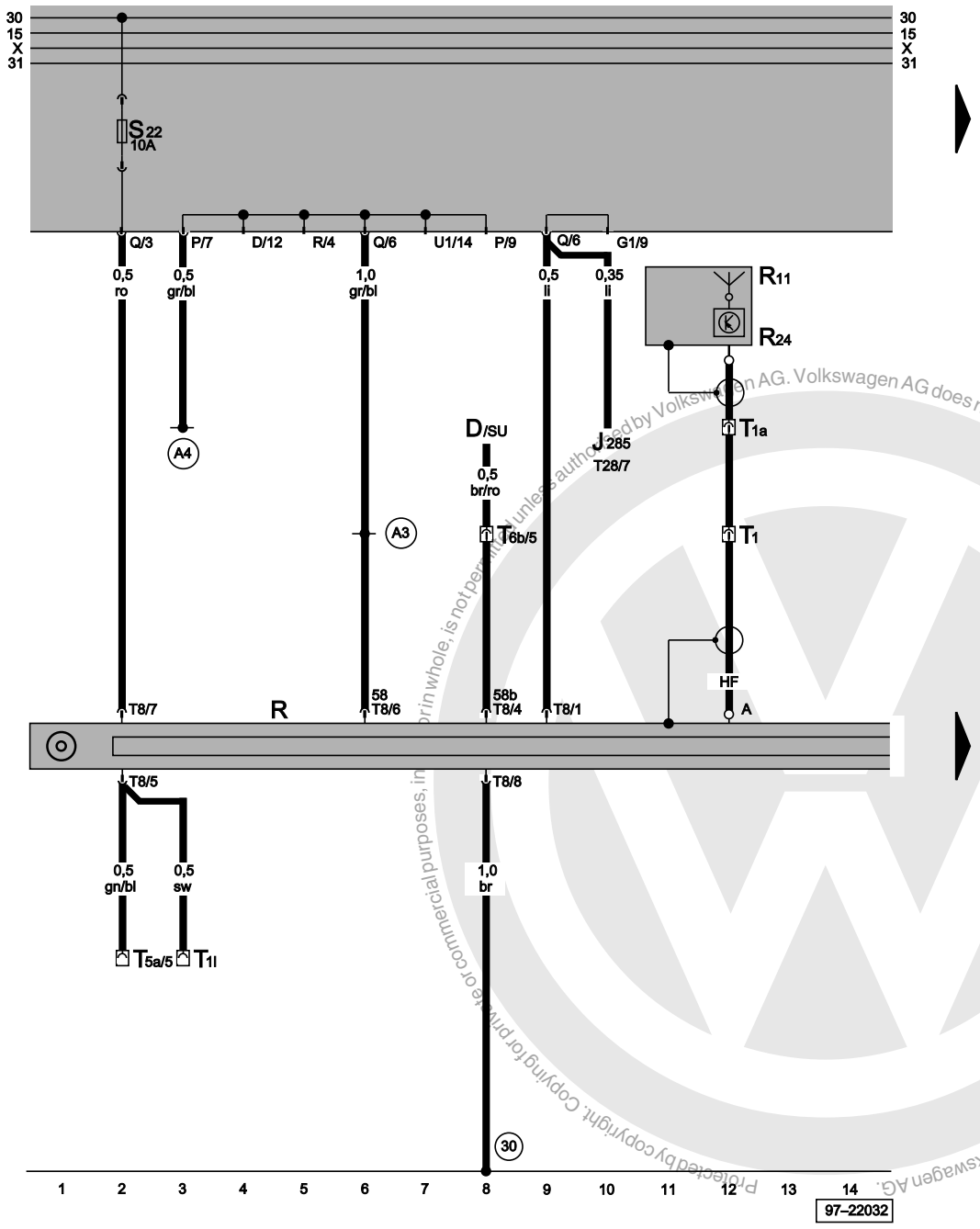

Radio, electronic amplified roof aerial

D	Ignition/starter switch
J285	Control unit with display in dash panel insert
R	Radio
R11	Aerial
R24	Aerial booster
T1	Single connector, on lower part of left A-pillar
T1a	Single connector, near aerial
T1l	Single connector, on lower part of left A-pillar
T5a	5-pin connector, behind relay plate (rear loudspeakers)
T6b	6-pin connector, behind dash panel
T8	8-pin connector, on radio
T28	28-pin connector, in dash panel insert
30	Earth point -1-, next to relay plate
A3	Positive (+) connection (58), in dash panel wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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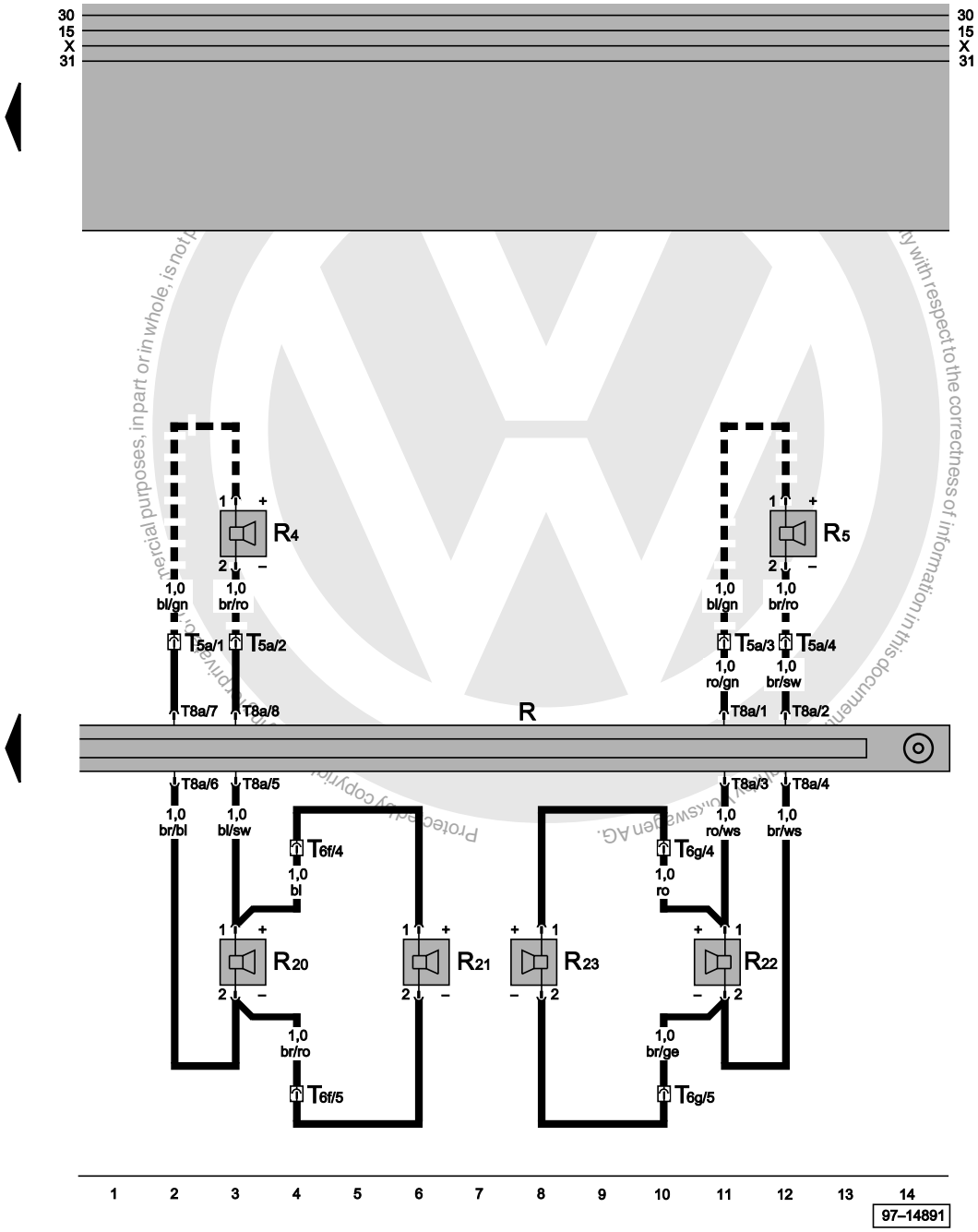

Radio, loudspeakers

R	Radio
R4	Loudspeaker, rear left
R5	Loudspeaker, rear right
R20	Treble loudspeaker, front left
R21	Bass loudspeaker, front left
R22	Treble loudspeaker, front right
R23	Bass loudspeaker, front right
T5a	5-pin connector, behind relay plate
T6f	6-pin connector, at A pillar, left
T6g	6-pin connector, at A pillar, right
T8a	8-pin connector, on radio
---	Does not apply to Caddy

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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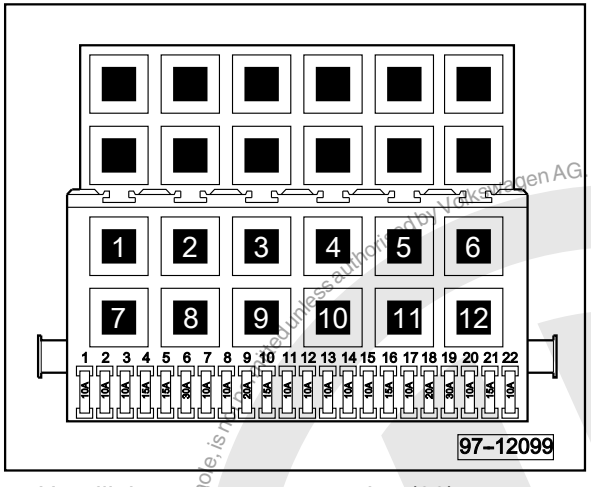
Headlight washer system

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



7 - Headlight washer system relay (33)
8 - Automatic intermittent wash/wipe relay (19)

Note:

♦ *the control numberon the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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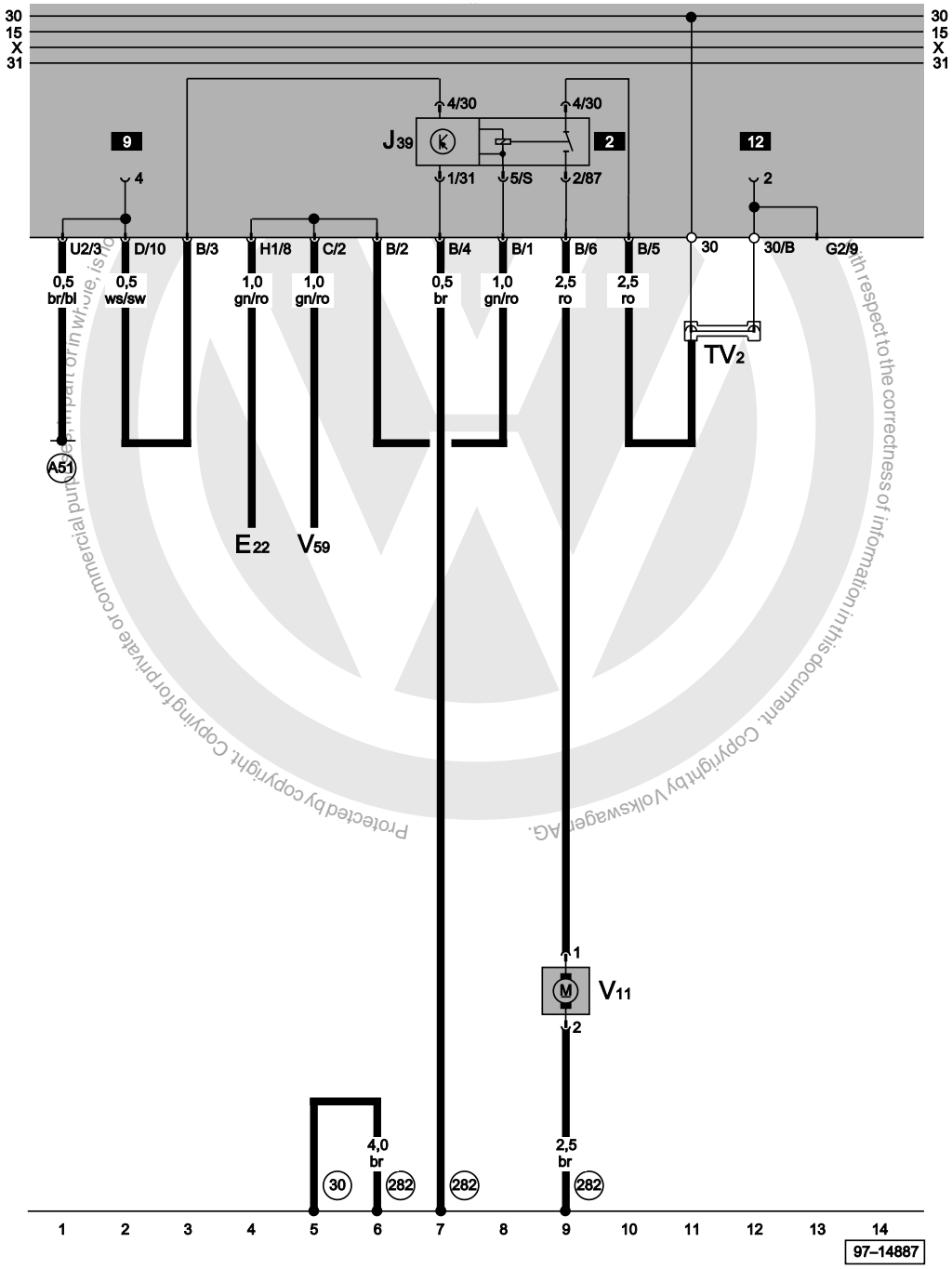

Headlight washer system

E22	Intermittent wiper switch
J39	Headlight washer system relay
TV2	Terminal 30 junction box
V11	Headlight washer system pump
V59	Windscreen and rear window washer pump
30	Earth point -1-, next to relay plate
282	Earth connection, in headlight washer system wiring harness
A51	Positive (+) connection (56), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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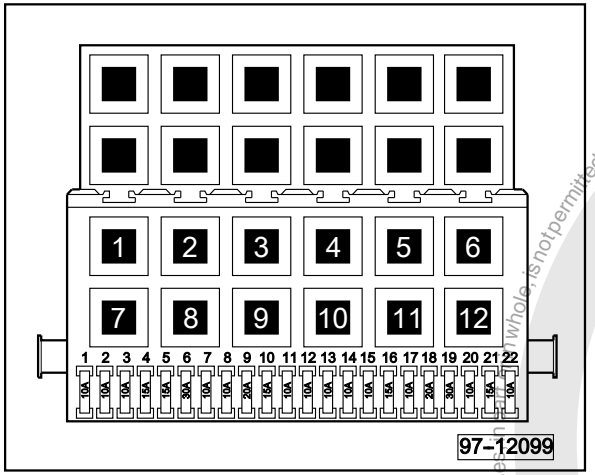
Fog lights

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



6 - Hazard warning light relay (21)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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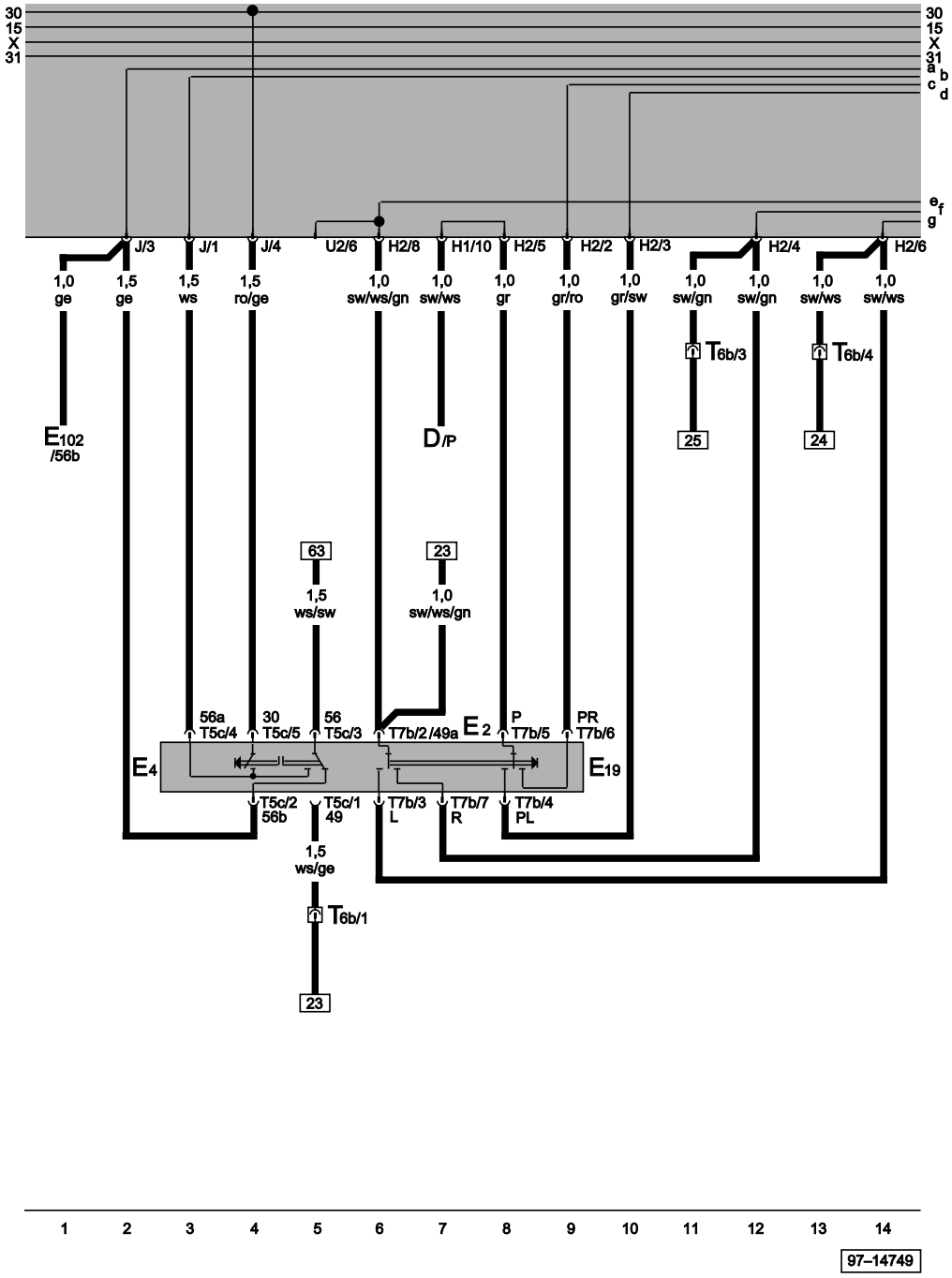

Headlight dipper/flasher switch, turn signal switch, parking light switch

D	Ignition/starter switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E102	Headlight range control adjuster
T5c	5-pin connector, behind steering column switch trim
T6b	6-pin connector, behind dash panel
T7b	7-pin connector, behind steering column switch trim

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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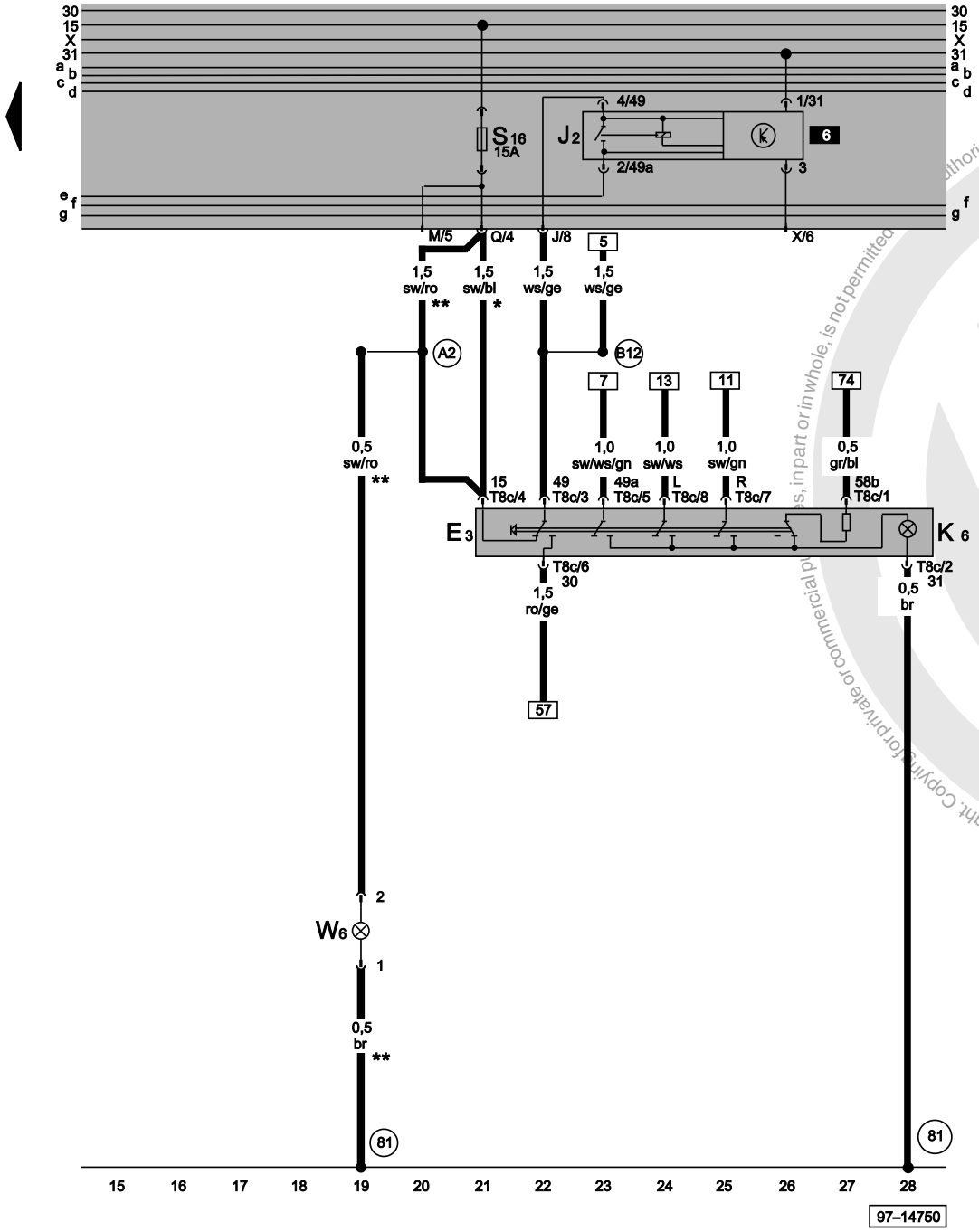

Hazard warning lights, glove box light

E3	Hazard warning light switch
J2	Hazard warning light relay
K6	Hazard warning light system warning lamp
T8c	8-pin connector, on hazard warning light switch
W6	Glove box light
81	Earth connection -1-, in dash panel wiring harness
A2	Positive (+) connection (15), in dash panel wiring harness
B12	Connection (49), in steering column switch wiring harness
*	Without cigarette lighter
**	With cigarette lighter

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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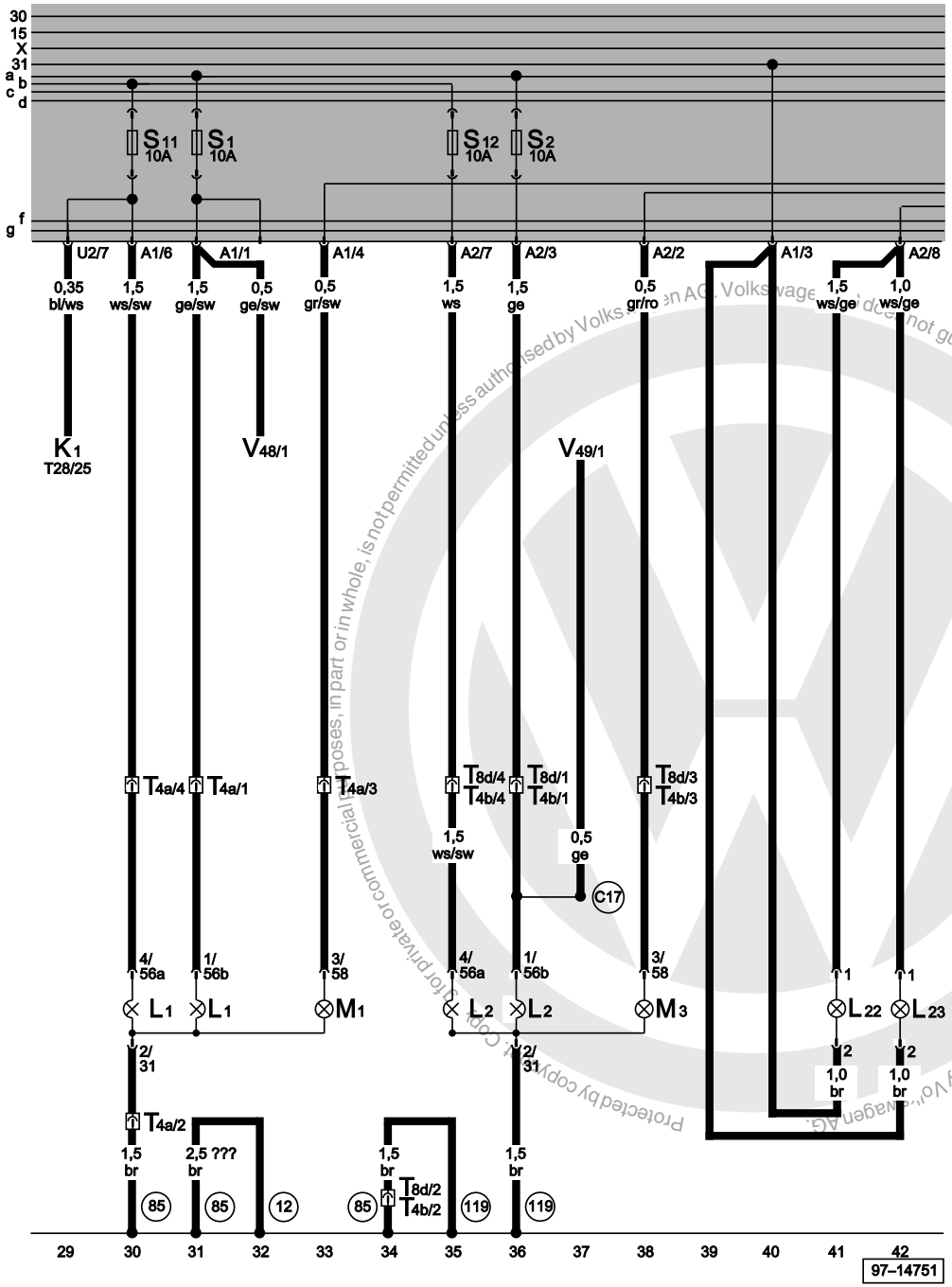

Headlight, side light, front fog lights

K1	Main beam warning lamp
L1	Twin filament bulb for headlight, left
L2	Twin filament bulb for headlight, right
L22	Fog light bulb, left
L23	Fog light bulb, right
M1	Side light bulb, left
M3	Side light bulb, right
T4a	4-pin connector, near headlight, left
T4b	4-pin connector, near headlight, right (not fitted on all engine variants)
T8d	8-pin connector, near headlight, right (not fitted on all engine variants)
T28	28-pin connector, on dash panel insert
V48	Headlight range control motor, left
V49	Headlight range control motor, right
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
119	Earth connection -1-, in headlight wiring harness
C17	Connection (56b) -1-, in front lighting wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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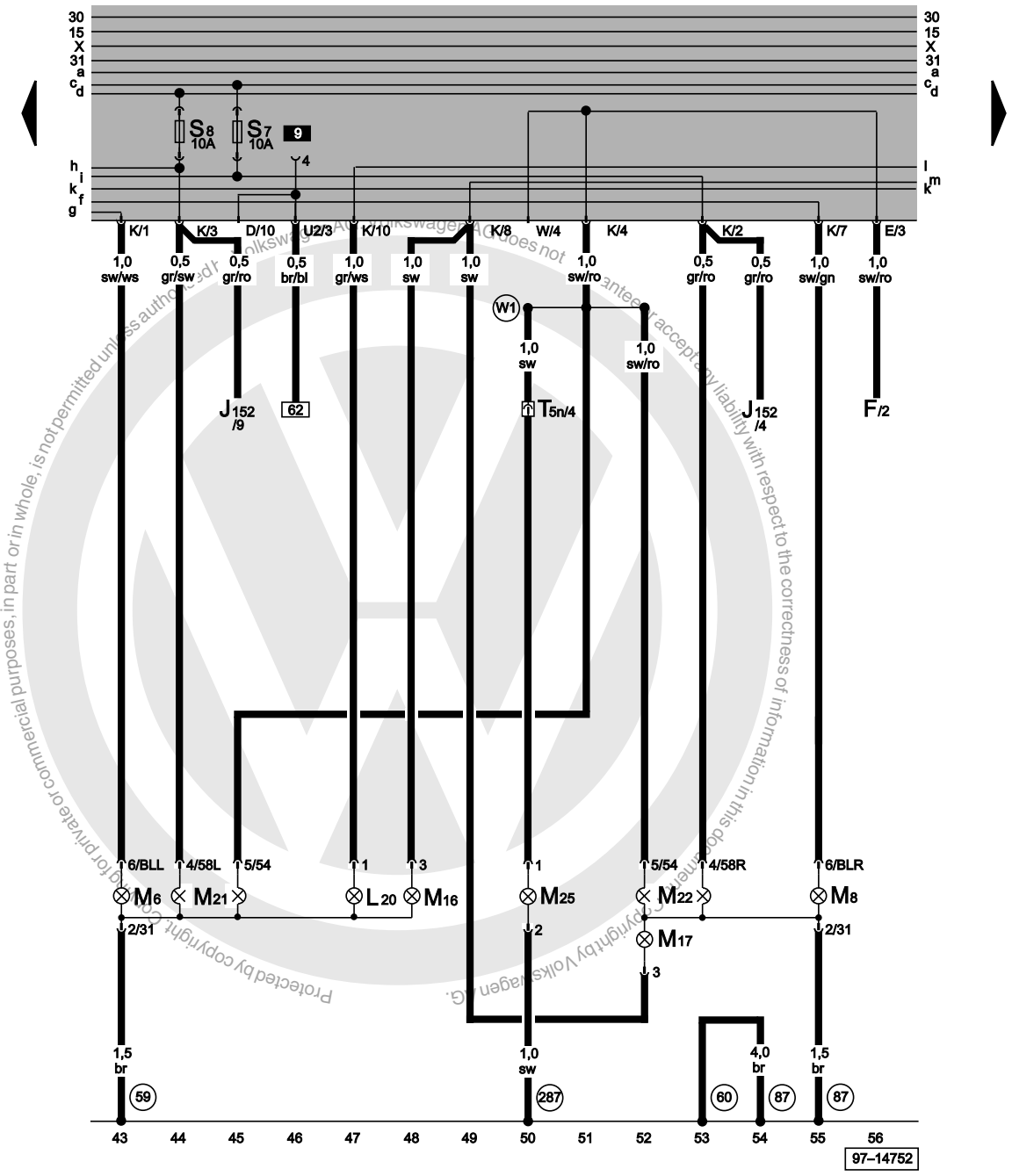

Turn signal bulb rear, brake light, tail lights, rear fog light, reversing light

F	Brake light switch
J152	Warning buzzer for side light
L20	Rear fog light bulb
M6	Turn signal bulb, rear left
M8	Turn signal bulb, rear right
M16	Reversing light bulb, left
M17	Reversing light bulb, right
M21	Brake and tail light bulb, left
M22	Brake and tail light bulb, right
M25	High level brake light bulb
T5n	5-pin connector, near left tail light
59	Earth point, near left tail light
60	Earth point -2-, near right tail light
87	Earth connection -2-, in rear wiring harness
287	Earth connection, in rear lid pre-wiring wiring harness
W1	Positive (+) connection (54), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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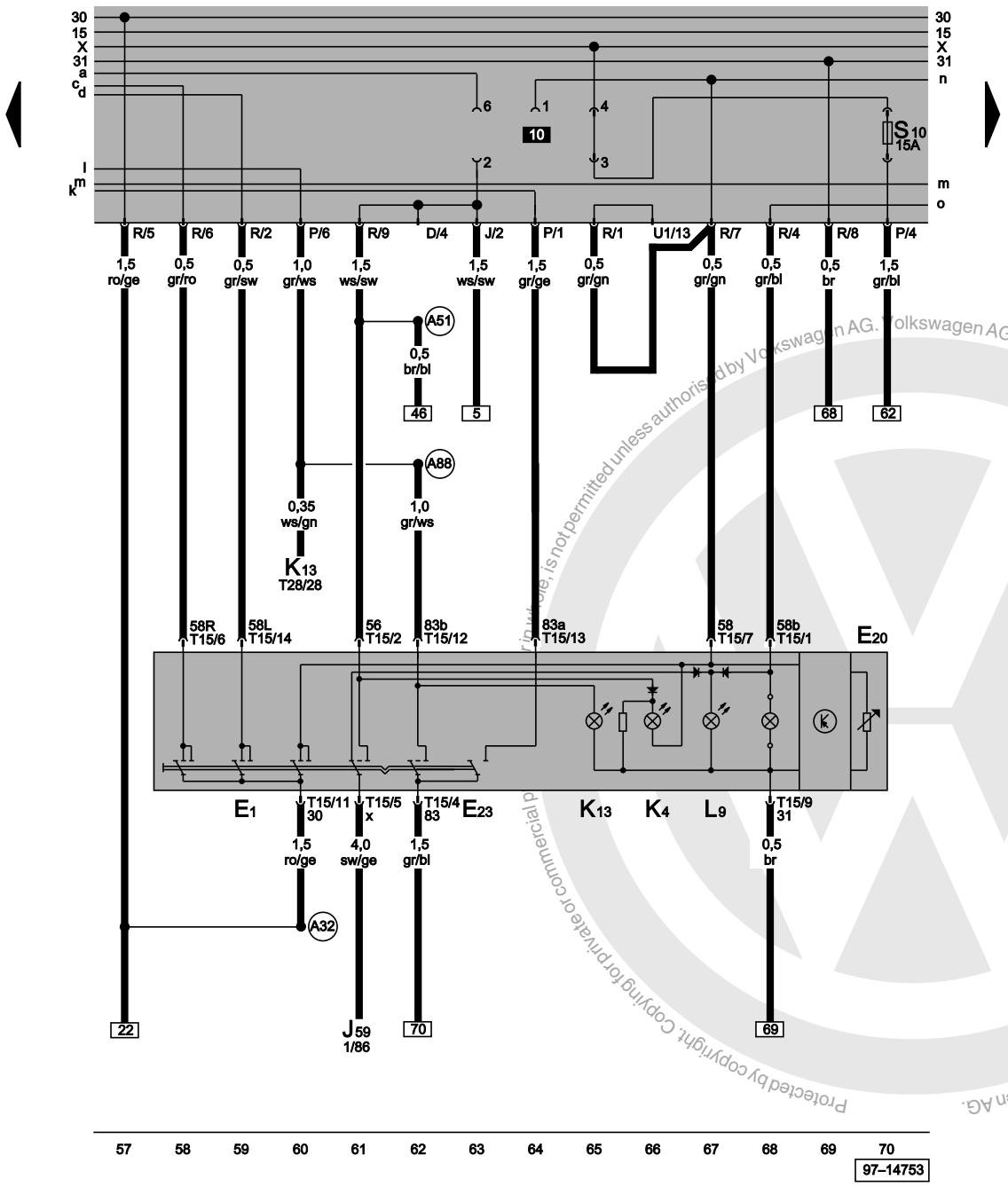

Lighting switch

E1	Lighting switch
E20	Switches and instruments, lighting control
E23	Front and rear fog light switch
J59	X contact relief relay
K4	Side light warning lamp
K13	Rear fog light warning lamp
L9	Lighting switch light bulb
T15	15-pin connector, on lighting switch
T28	28-pin connector, on dash panel insert
A32	Positive (+) connection (30), in dash panel wiring harness
A51	Positive (+) connection (56), in dash panel wiring harness
A88	Positive (+) connection (rear fog light), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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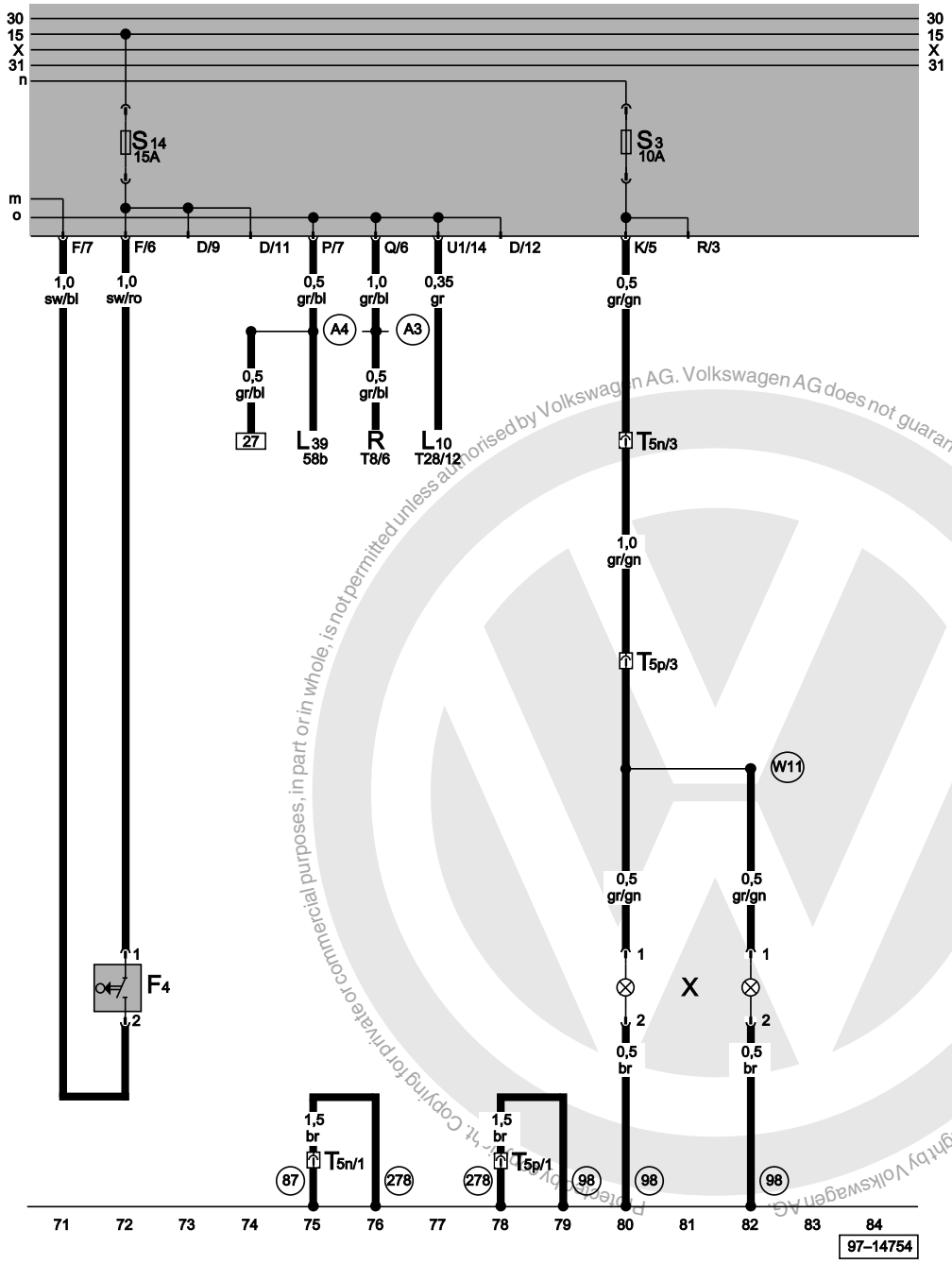

Number plate light, reversing light switch

F4	Reversing light switch
L10	Dash panel insert light bulb
L39	Heated rear window switch bulb
R	Radio
T5n	5-pin connector, near left tail light
T5p	5-pin connector, in tailgate/bootlid
T8	8-pin connector, on radio
T28	28-pin connector, on dash panel insert
X	Number plate light
87	Earth connection -2-, in rear wiring harness
98	Earth connection, in tailgate/bootlid wiring harness
287	Earth connection, in rear lid pre-wiring wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
A4	Positive (+) connection (58b), in dash panel wiring harness
W11	Connection (58), in tailgate/bootlid wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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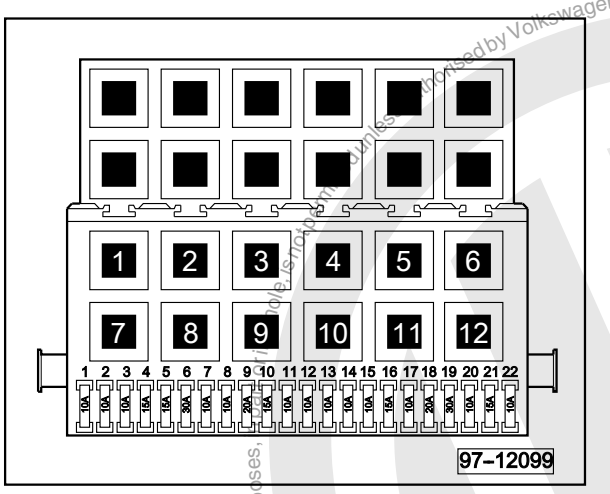
Air conditioner

⇒ 1.6 l/55 kW Mono - Motronic, engine codes 1F
⇒ 1.8 l/66 kW Mono - Motronic, engine codes ADZ
From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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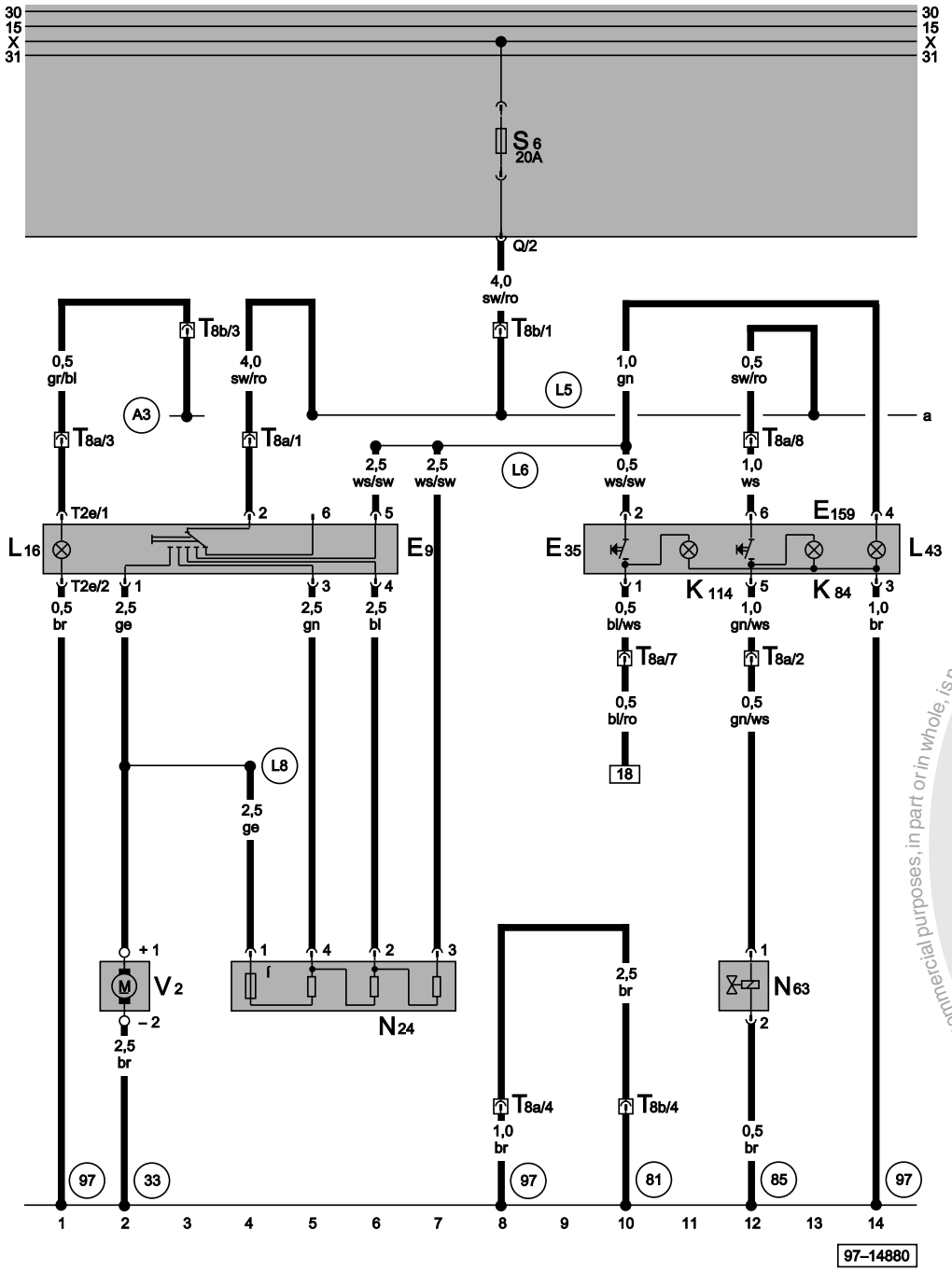

Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector
T8	8-pin connector, behind dash panel
T8a	8-pin connector, behind dash panel
T8b	8-pin connector, behind dash panel
V2	Fresh air blower
33	Earth point, behind dash panel, right
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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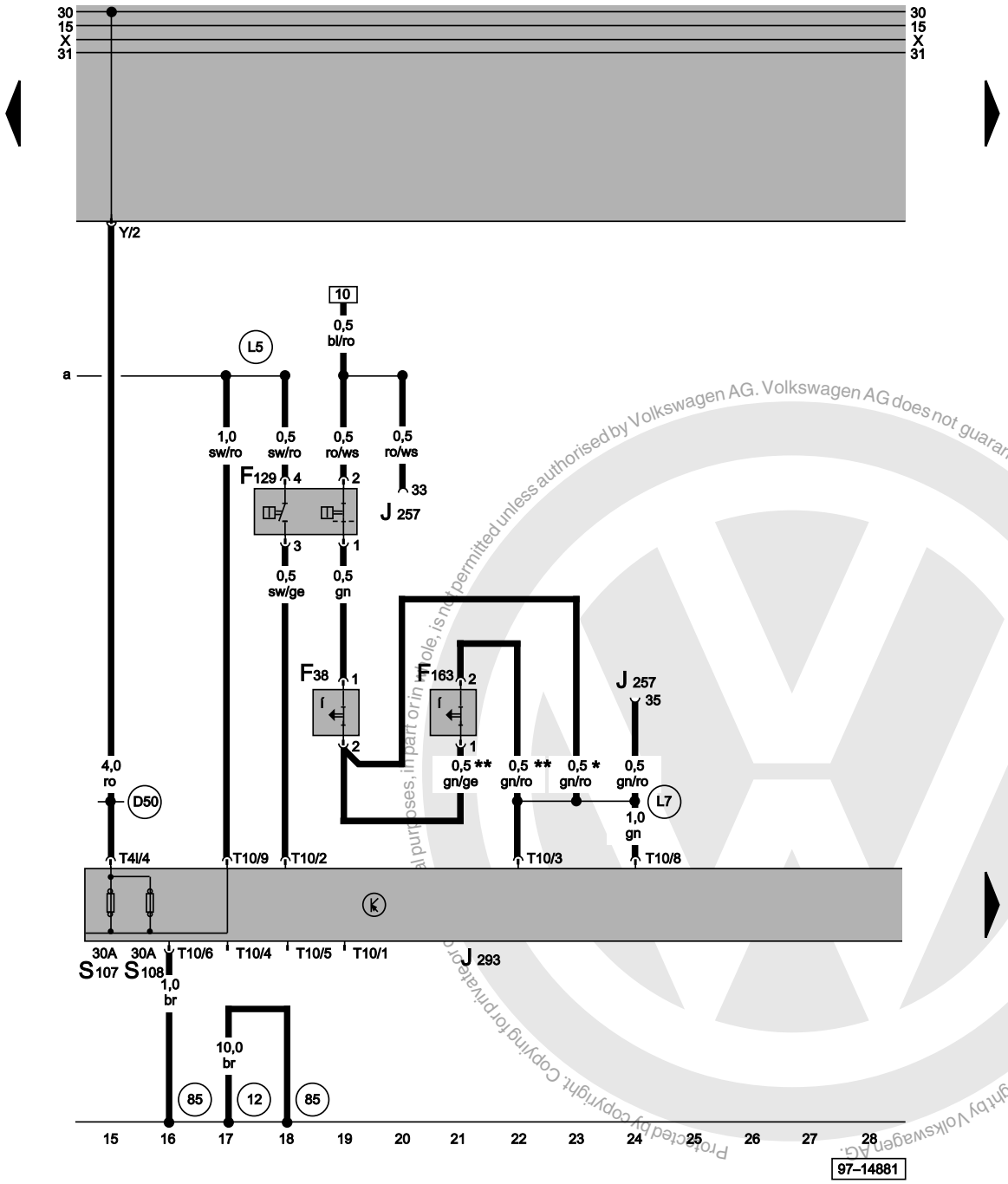

Air conditioner pressure switch, air conditioner shut–off thermo–switch, radiator fan thermo–switch, radiator fan control unit

F38	Ambient temperature switch
F129	Air conditioner pressure switch
F163	Air conditioner shut-off thermo-switch
J257	Mono-Motronic control unit
J293	Radiator fan control unit, in engine compartment, left
S107	Radiator fan fuse, 2nd speed and 3rd speeds
S108	Radiator fan fuse, 1st speed and magnetic coupling
T4l	4-pin connector
T10	10-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness
L7	Connection -3-, in air conditioner wiring harness
*	Only models with manual gearbox
**	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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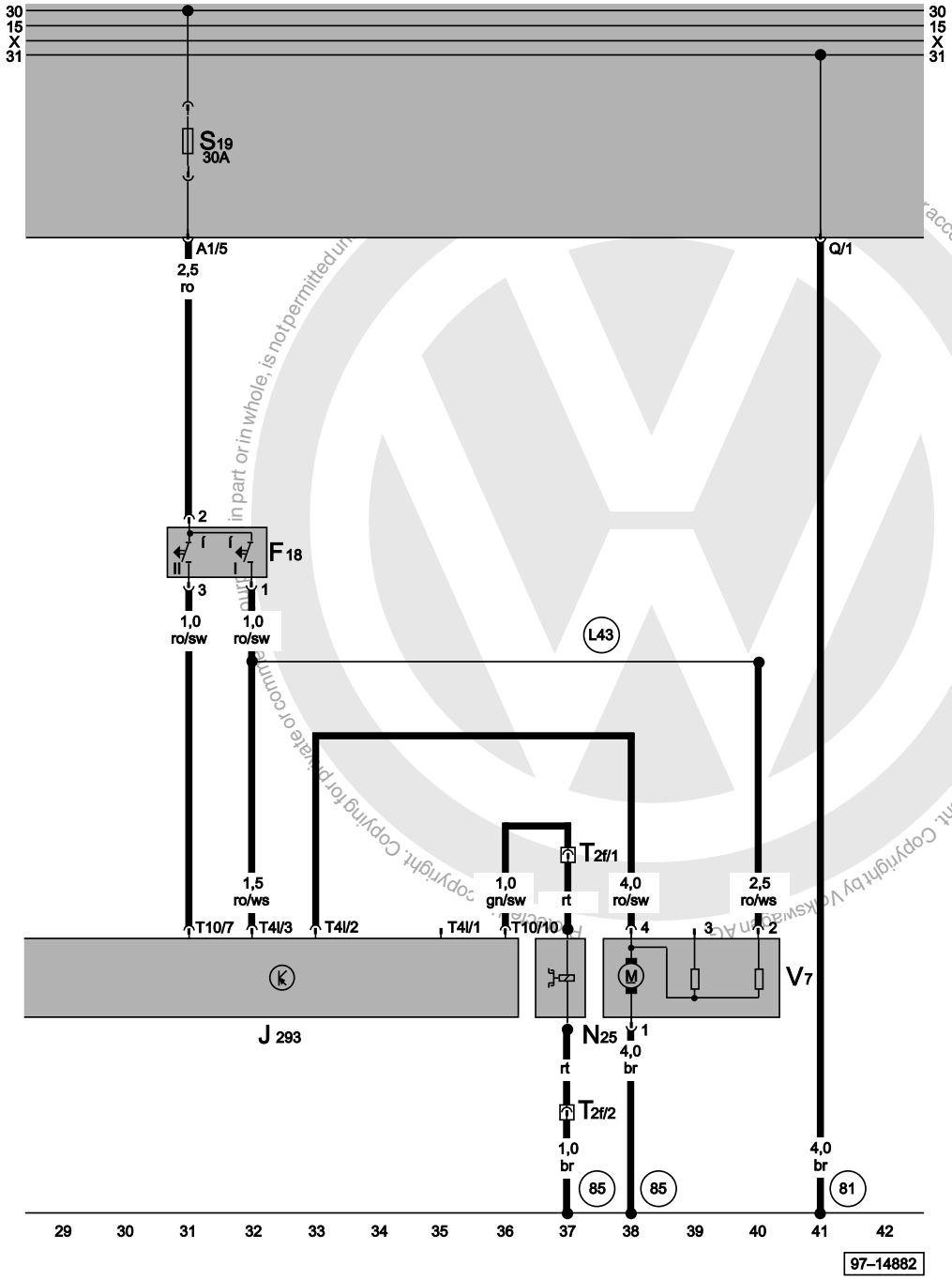


Radiator fan thermo–switch, radiator fan control unit, air conditioning system magnetic coupling, radiator fan

F18	Radiator fan thermo-switch
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
V7	Radiator fan
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
L43	Connection (radiator fan), in air conditioner/radiator fan wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

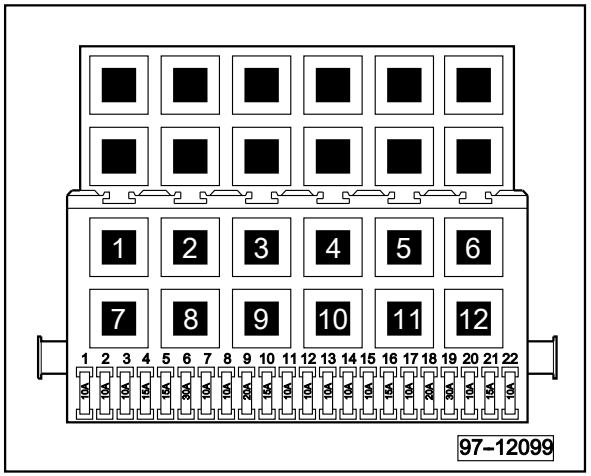
satelettronica

Air conditioner

⇒ **1.6 l Simos/74 kW, engine codes AFT**

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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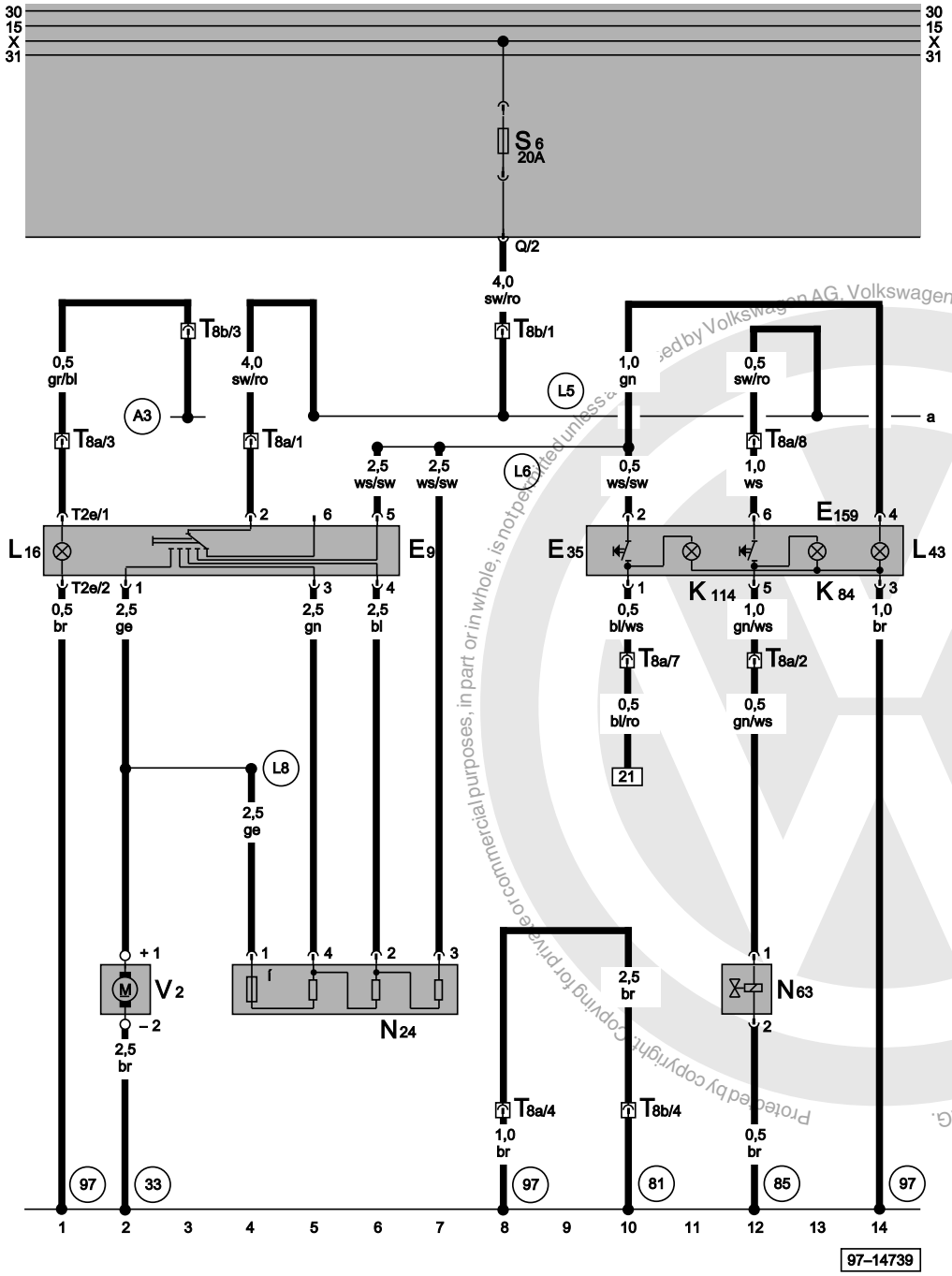

Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector, on fresh air blower switch
T8	8-pin connector, behind dash panel
T8a	8-pin connector, behind dash panel
T8b	8-pin connector, behind dash panel
V2	Fresh air blower
33	Earth point, behind dash panel, right
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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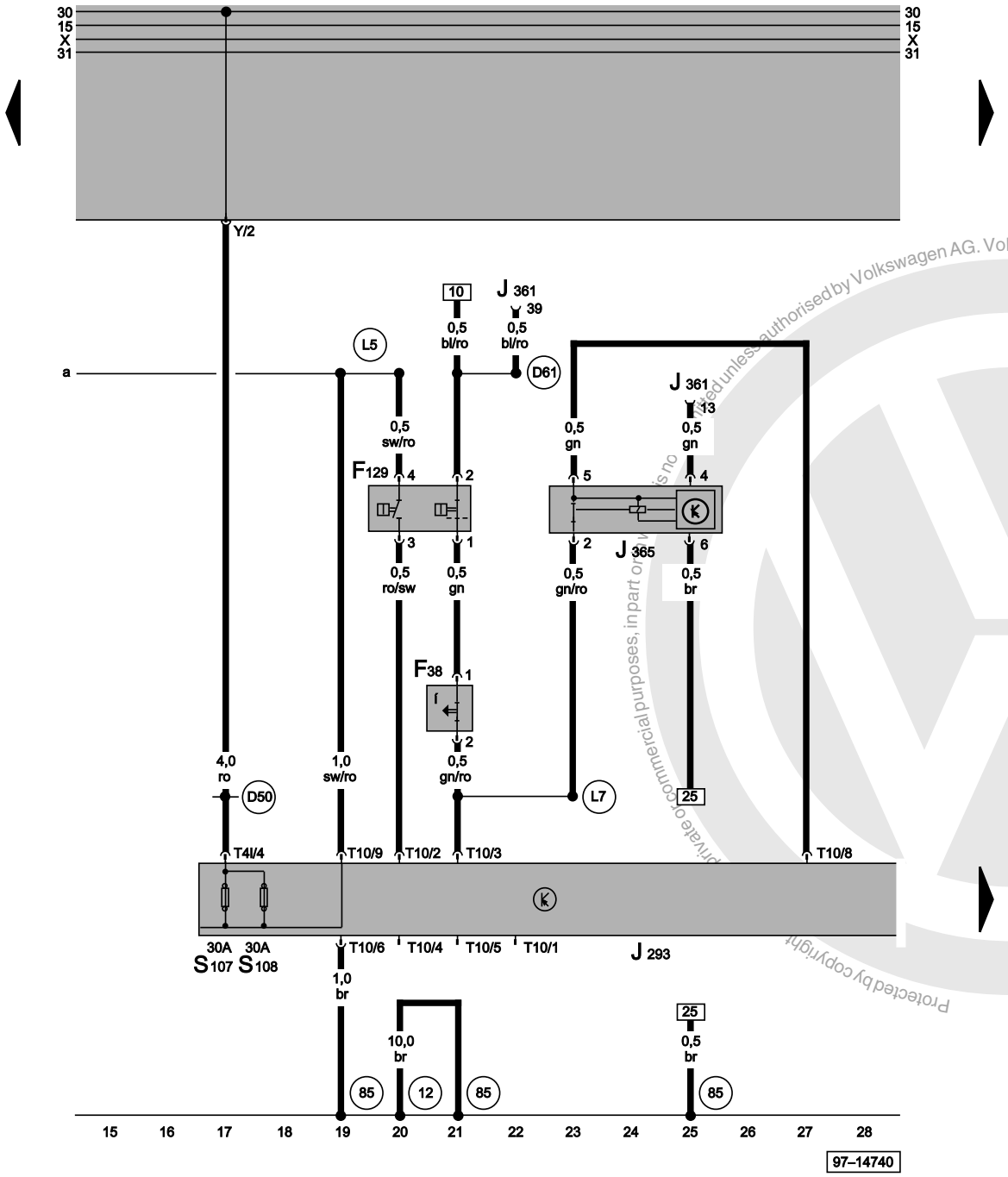

Air conditioner pressure switch, air conditioning system switch–off relay, radiator fan thermo–switch, radiator fan control unit

F38	Ambient temperature switch
F129	Air conditioner pressure switch
J293	Radiator fan control unit, in engine compartment, left
J361	Simos control unit, in plenum chamber left pin 13 = magnetic coupling cut - off pin 39 = rpm boost
J365	Air conditioning system switch-off relay (147)
S107	Radiator fan fuse, 2nd speed and 3rd speeds
S108	Radiator fan fuse, 1st speed and magnetic coupling
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
D61	Connection (air conditioner), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness
L7	Connection -3-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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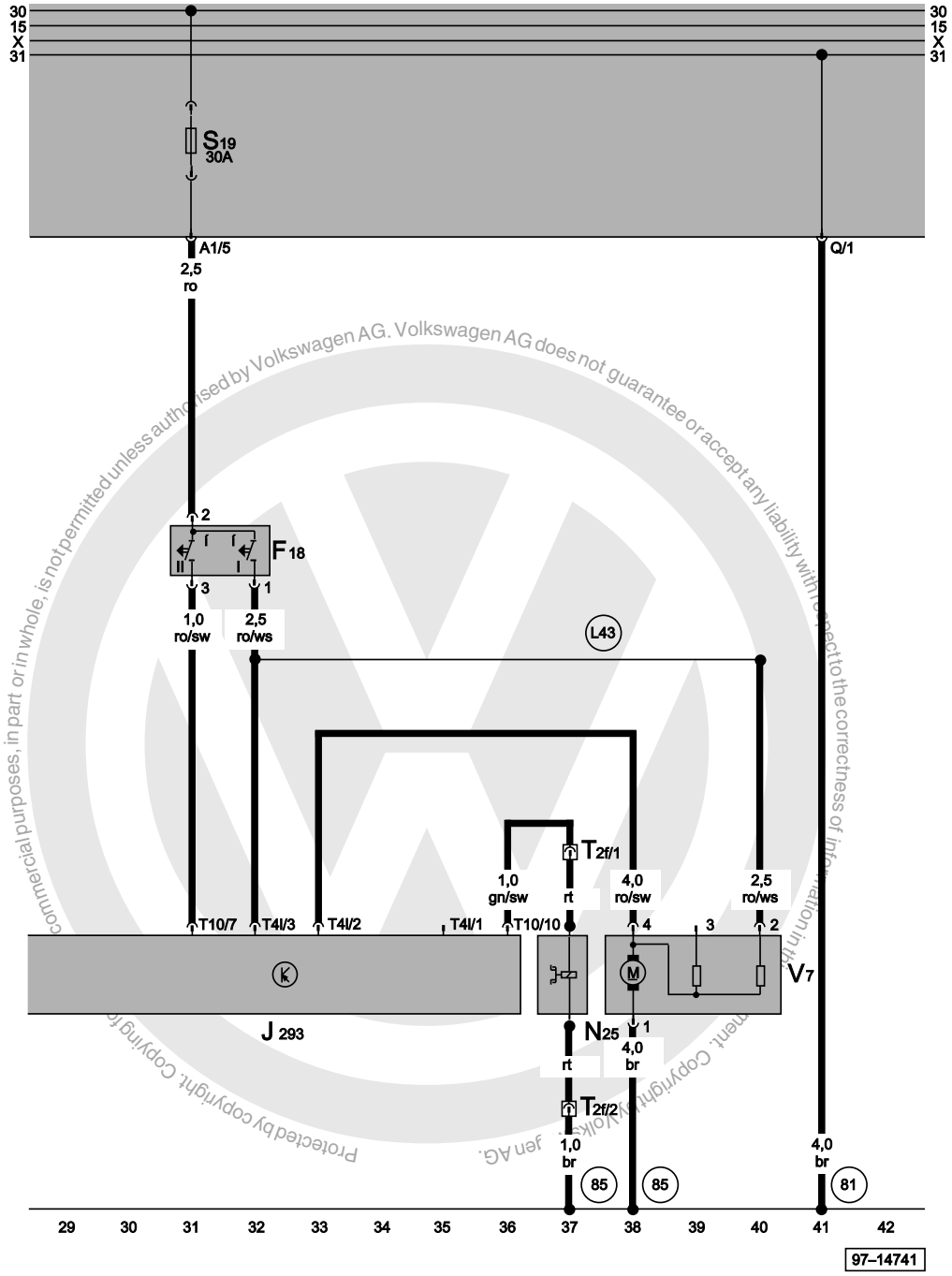

Radiator fan thermo–switch, radiator fan control unit, air conditioning system magnetic coupling, radiator fan

F18	Radiator fan thermo-switch
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
V7	Radiator fan
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
L43	Connection (radiator fan), in air conditioner/radiator fan wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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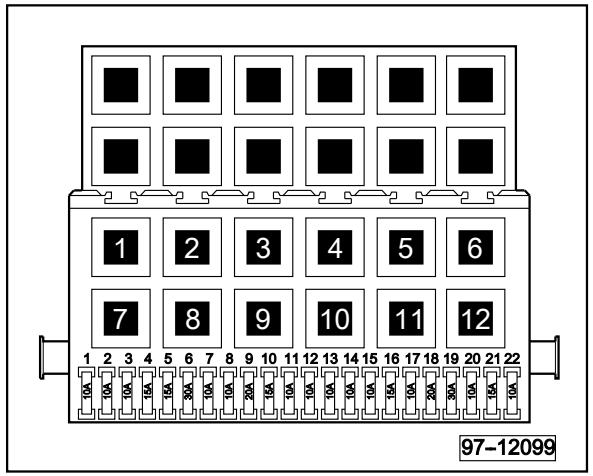
Air conditioner

⇒ **1.7 l/42 kW diesel engine, engine codes AHB**

From August 1997

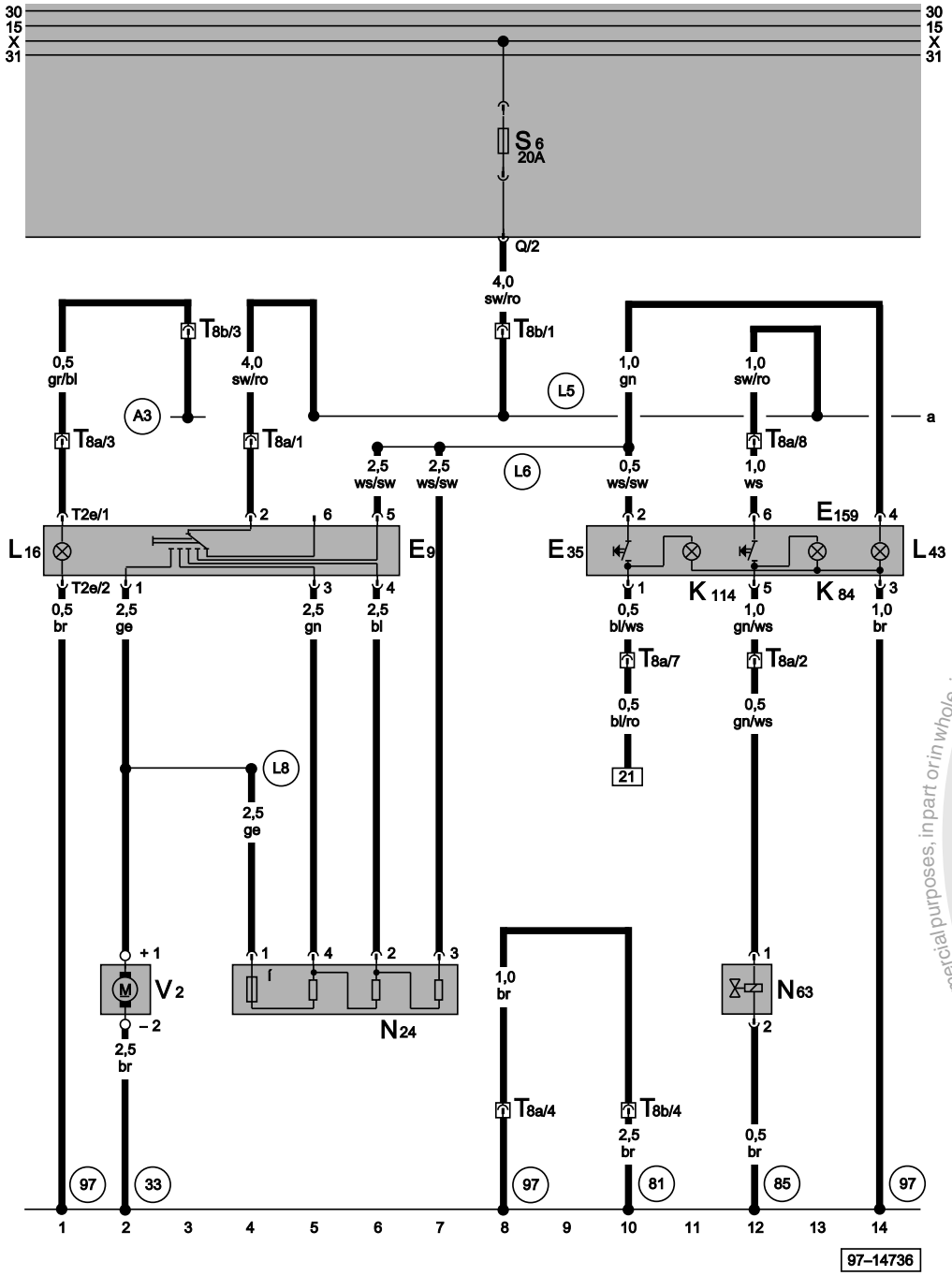
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

satelettronica

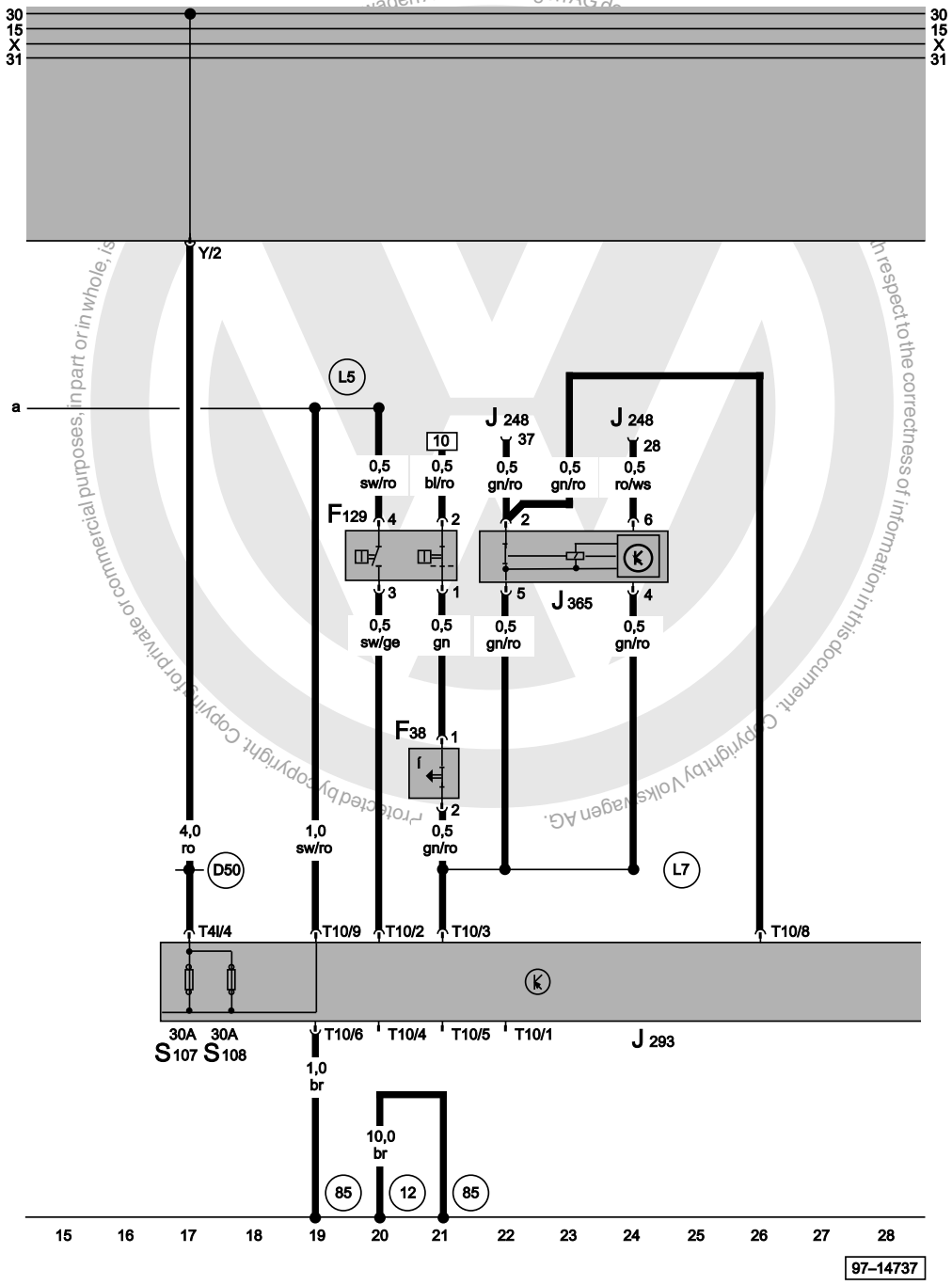


Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector, on fresh air blower switch
T8	8-pin connector, behind dash panel
T8a	8-pin connector, behind dash panel
T8b	8-pin connector, behind dash panel
V2	Fresh air blower
33	Earth point, behind dash panel, right
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica

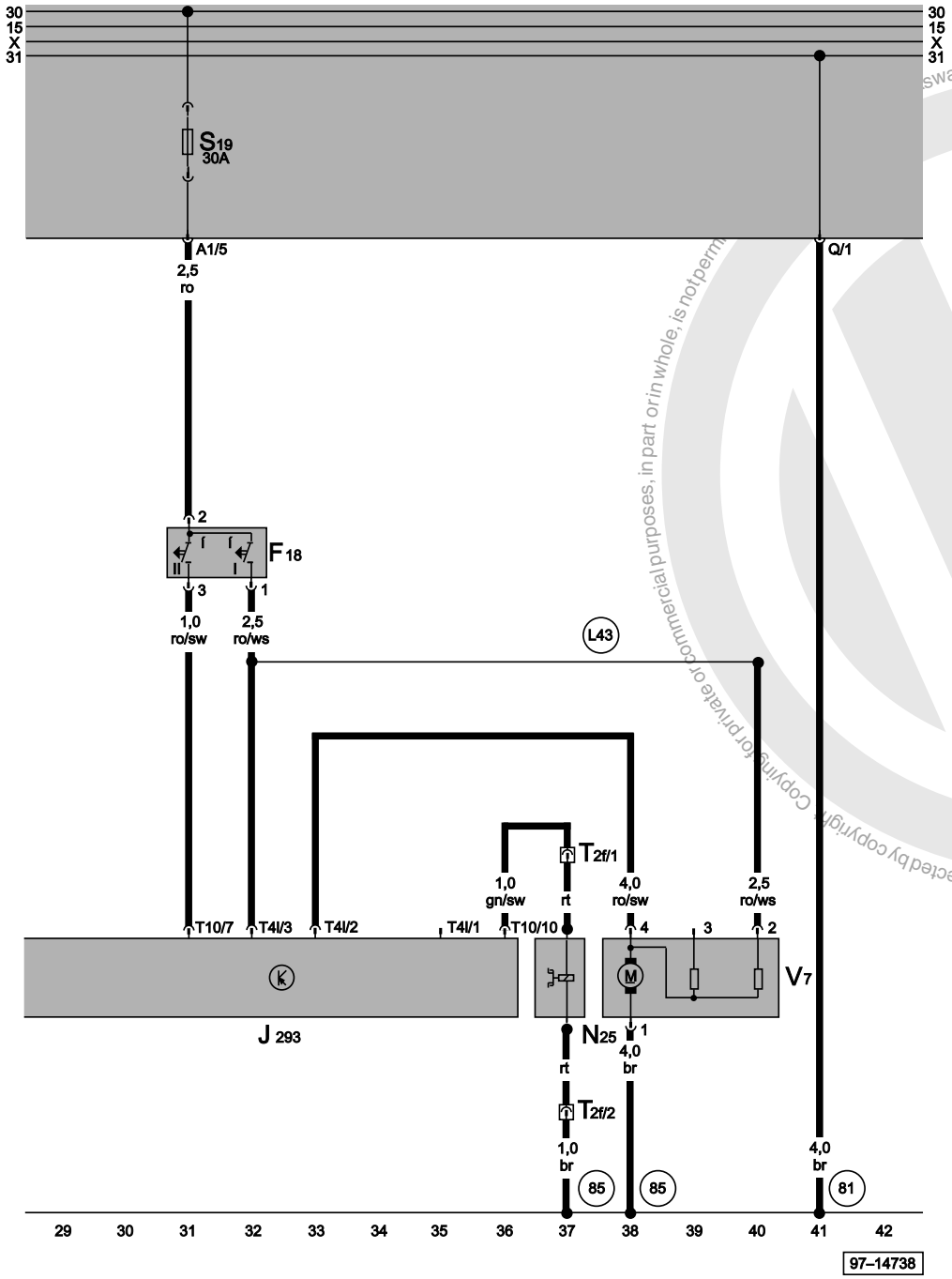


Air conditioner pressure switch, air conditioning system switch–off relay, radiator fan thermo–switch, radiator fan control unit

F38	Ambient temperature switch
F129	Air conditioner pressure switch
J248	Diesel direct injection system control unit pin 28 = magnetic coupling cut - off pin 37 = rpm boost
J293	Radiator fan control unit, in engine compartment, left
J365	Air conditioning system switch-off relay (147)
S107	Radiator fan fuse, 2nd speed and 3rd speeds
S108	Radiator fan fuse, 1st speed and magnetic coupling
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness
L7	Connection -3-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Radiator fan thermo–switch, radiator fan control unit, air conditioning system magnetic coupling, radiator fan

F18	Radiator fan thermo-switch
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
V7	Radiator fan
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
L43	Connection (radiator fan), in air conditioner/radiator fan wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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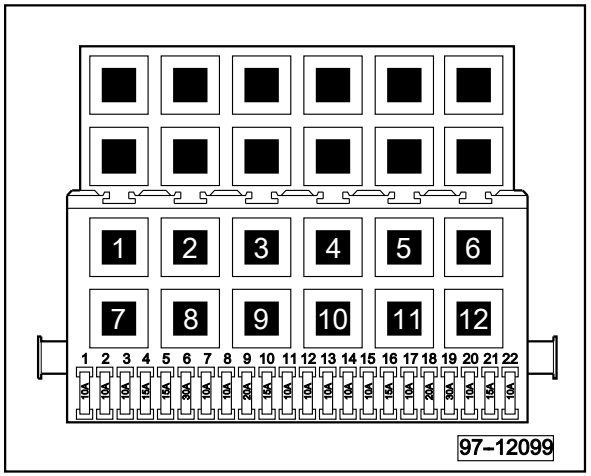
Air conditioner

⇒ **1.9 l/47 kW diesel engine, engine code AEY**

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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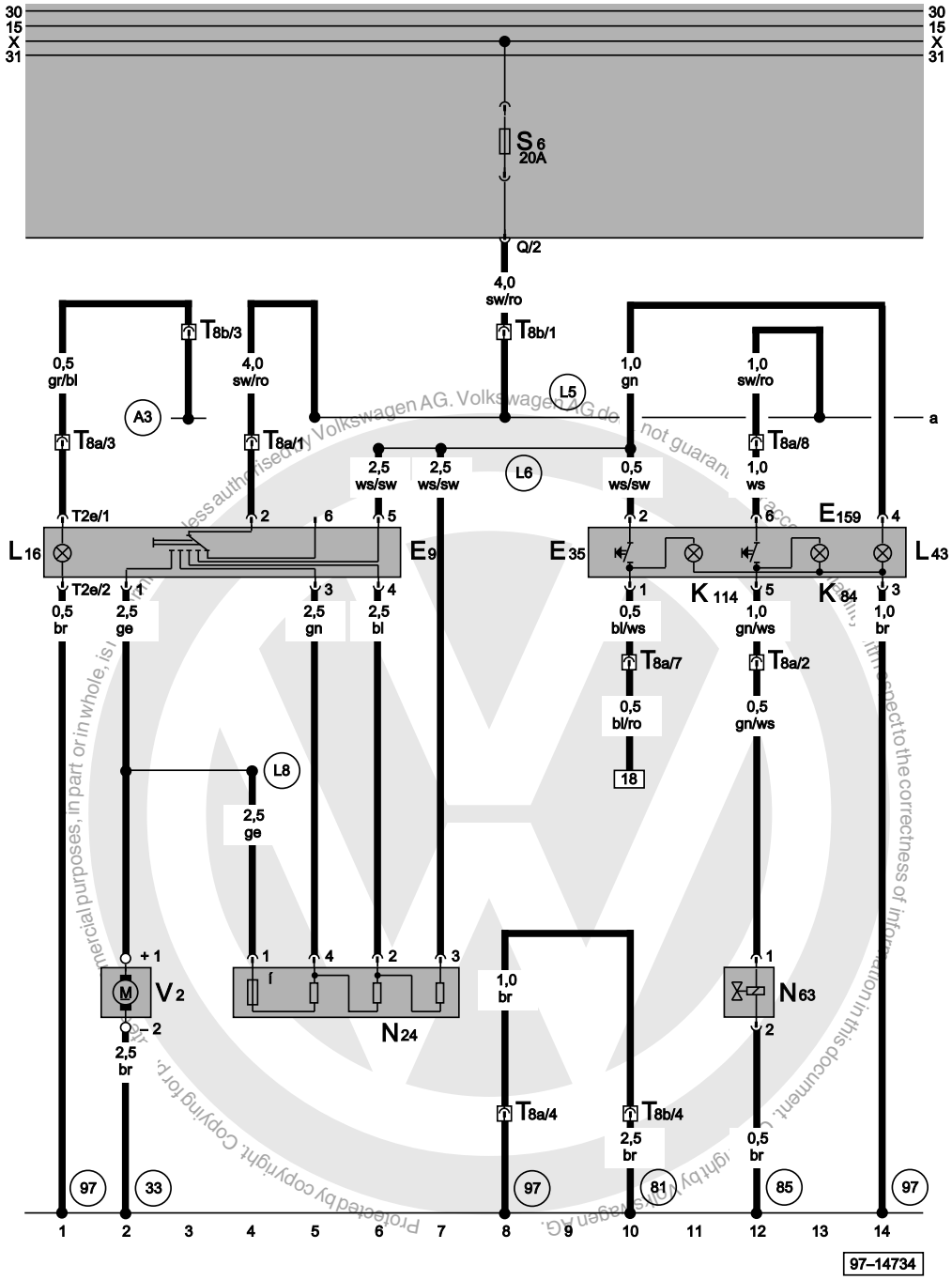
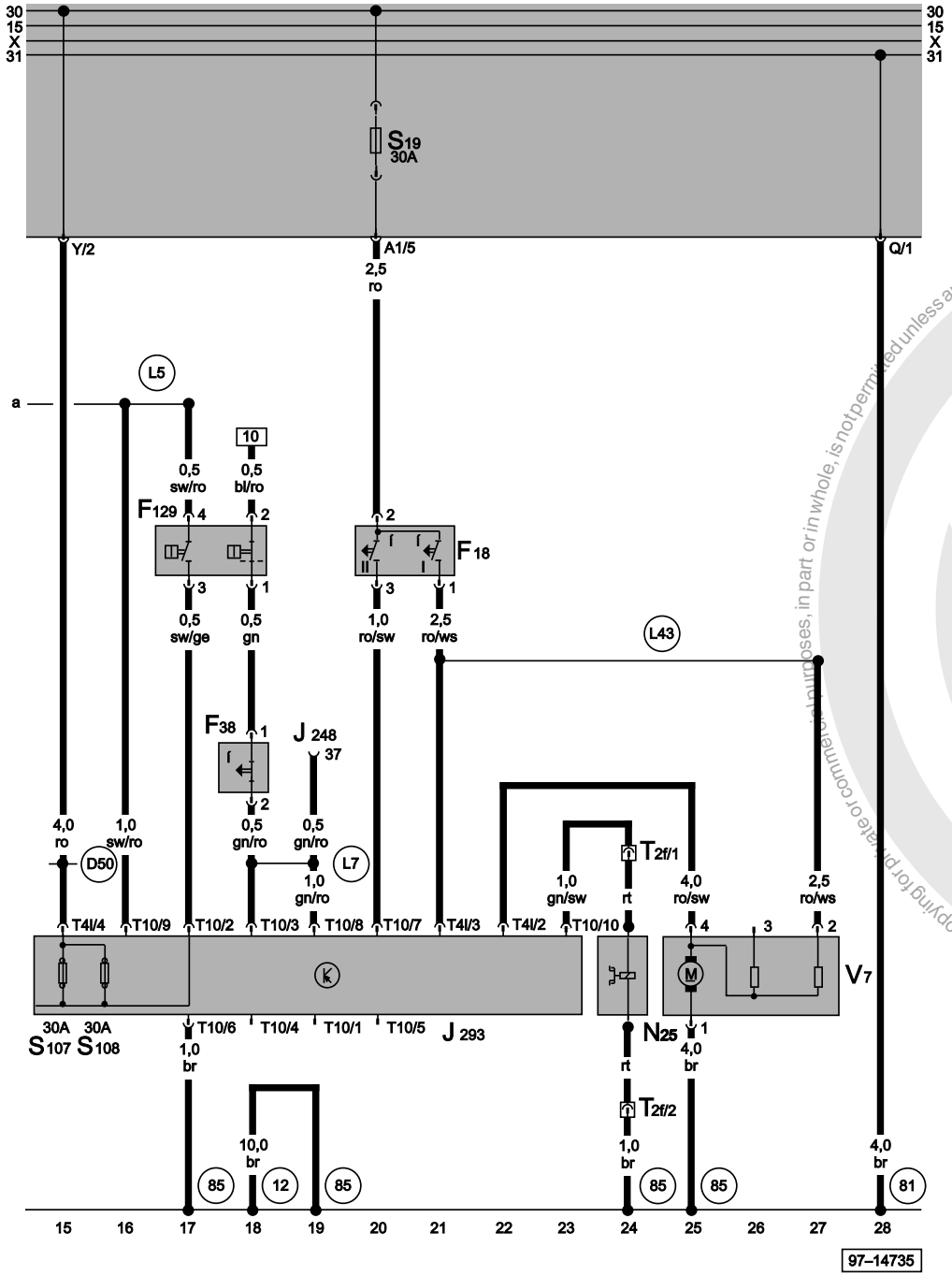


Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector, on fresh air blower switch
T8	8-pin connector, behind dash panel
T8a	8-pin connector, behind dash panel
T8b	8-pin connector, behind dash panel
V2	Fresh air blower
33	Earth point, behind dash panel, right
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Air conditioner pressure switch, air conditioner shut–off thermo–switch, radiator fan thermo–switch, radiator fan control unit, air conditioner magnetic coupling, radiator fan

F18	Radiator fan thermo-switch
F38	Ambient temperature switch
F129	Air conditioner pressure switch
J248	Diesel direct injection system control unit pin 37 = rpm boost
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
S107	Radiator fan fuse, 2nd speed and 3rd speeds
S108	Radiator fan fuse, 1st speed and magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector
T10	10-pin connector
V7	Radiator fan
12	Earth point, in engine compartment, left
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness
L7	Connection -3-, in air conditioner wiring harness
L43	Connection (radiator fan), in air conditioner/radiator fan wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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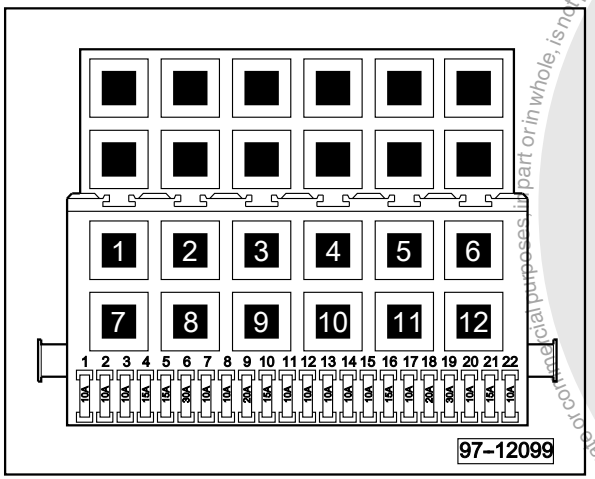
Air conditioner

⇒ 1.9 l/66 kW turbo- diesel engine, engine code AHU

From August 1997

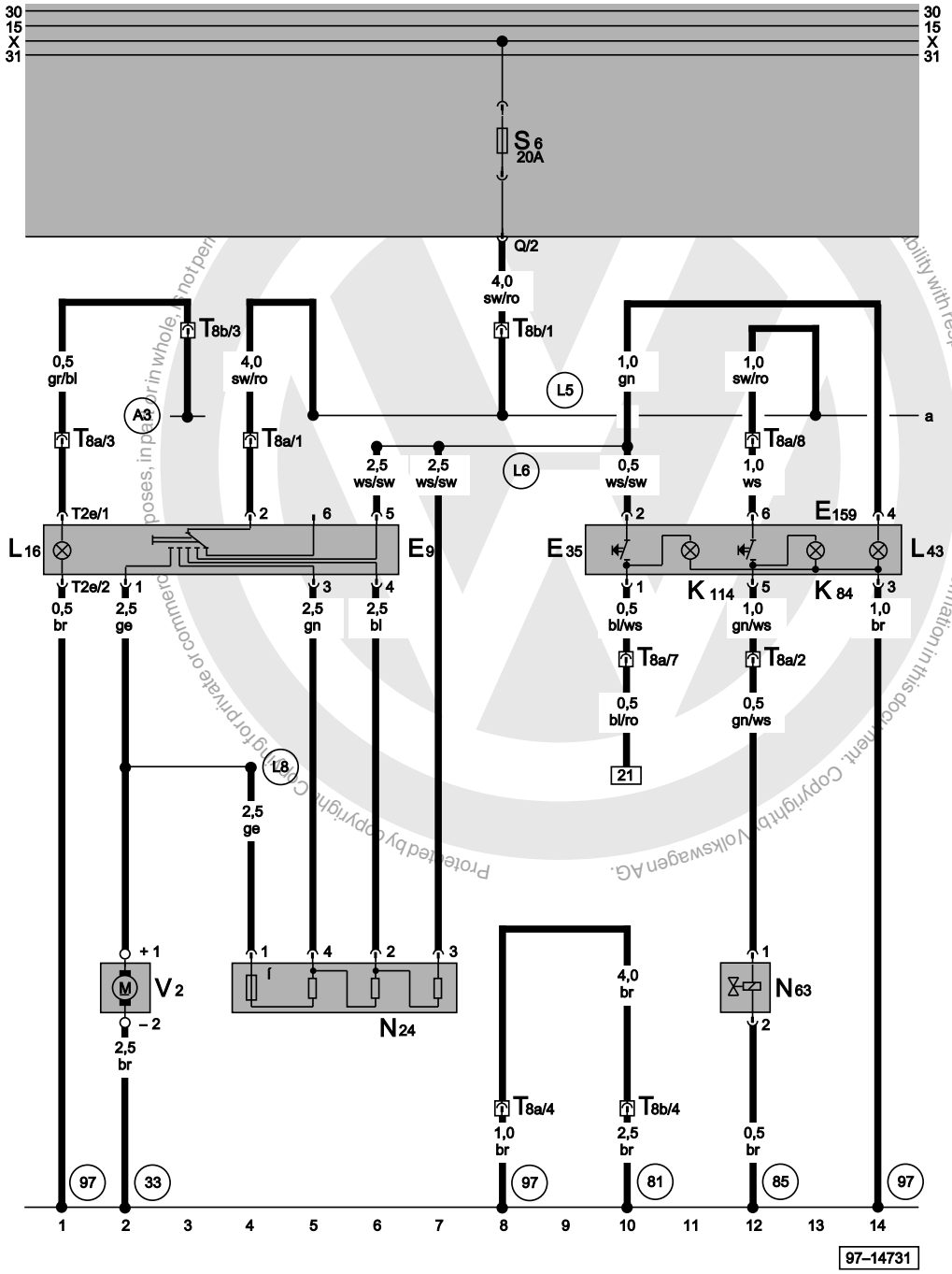
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

satelettronica



Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector, on fresh air blower switch
T8	8-pin connector, behind dash panel
T8a	8-pin connector, behind dash panel
T8b	8-pin connector, behind dash panel
V2	Fresh air blower
33	Earth point, behind dash panel, right
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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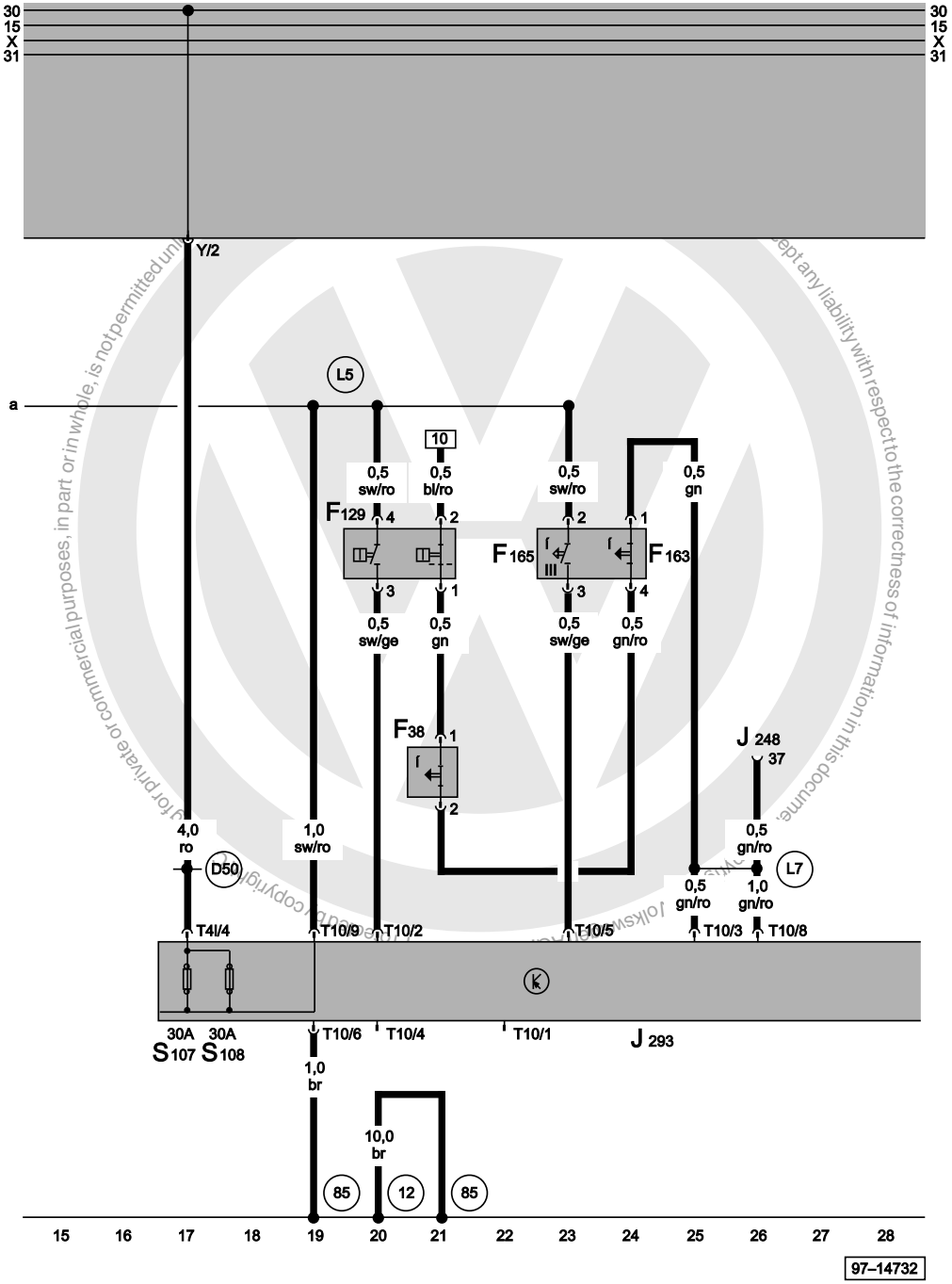
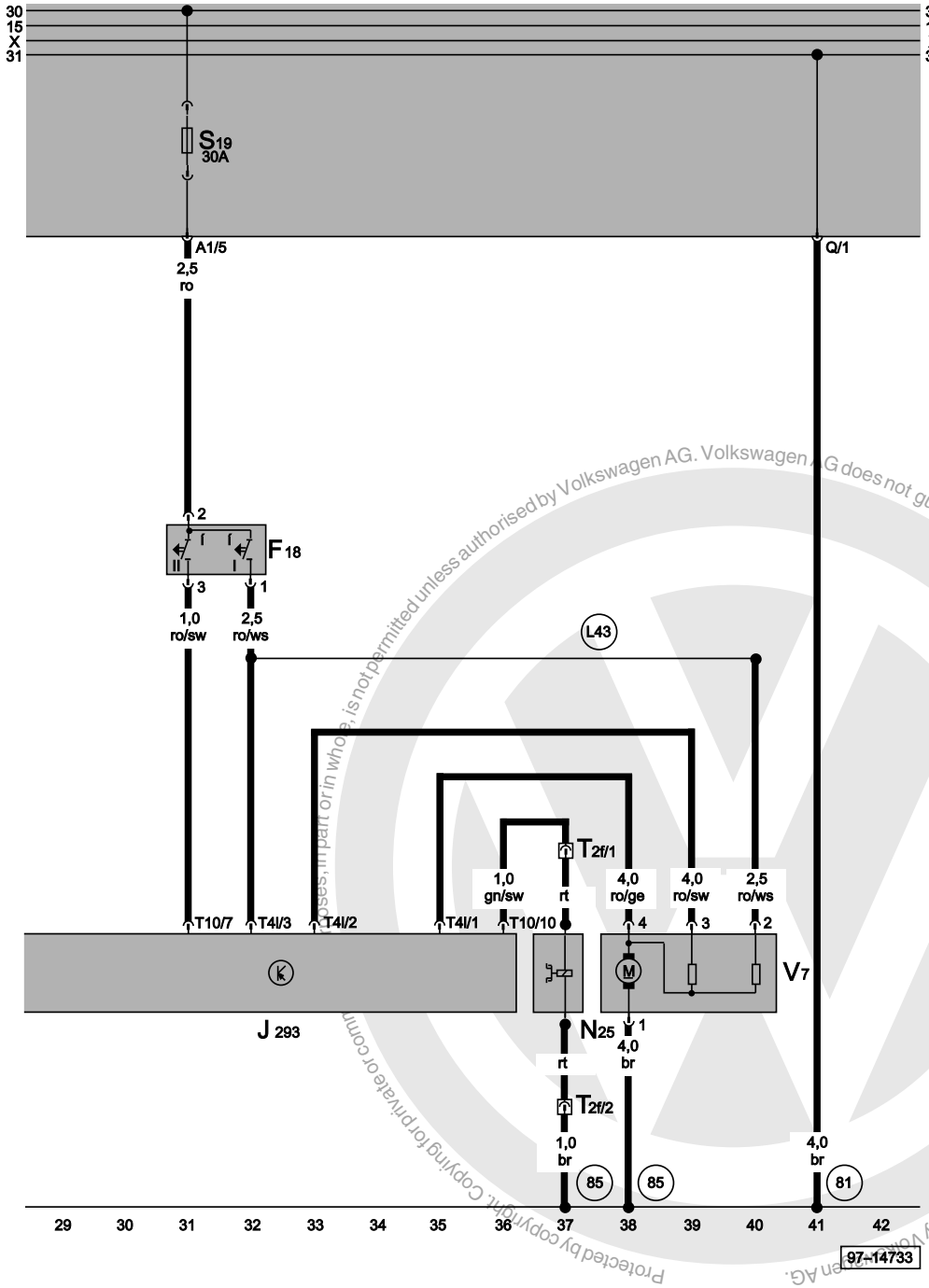


Air conditioner pressure switch, air conditioner shut–off thermo–switch, radiator fan thermo–switch, 3rd speed, radiator fan control unit

F38	Ambient temperature switch
F129	Air conditioner pressure switch
F163	Air conditioner shut-off thermo-switch
F165	Radiator fan thermo-switch, third speed
J248	Diesel direct injection system control unitPin 37 = rpm boost
J293	Radiator fan control unit, in engine compartment, left
S107	Radiator fan fuse, 2nd speed and 3rd speeds
S108	Radiator fan fuse, 1st speed and magnetic coupling
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness
L7	Connection -3-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Radiator fan thermo–switch, radiator fan control unit, air conditioning system magnetic coupling, radiator fan

F18	Radiator fan thermo-switch
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
T2f	2-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
V7	Radiator fan
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
L43	Connection (radiator fan), in air conditioner/radiator fan wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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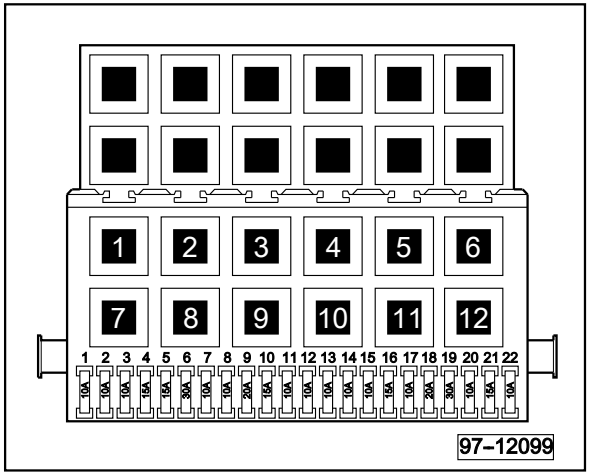
1.6 l/55 kW Motronic, engine codes 1F

From August 1997

1.8 l/66 kW Mono-Motronic, engine codes ADZ

From August 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



12 - Fuel pump relay (167)

Note:

- *the control number on the housing. The number in brackets behind the part designation denotes*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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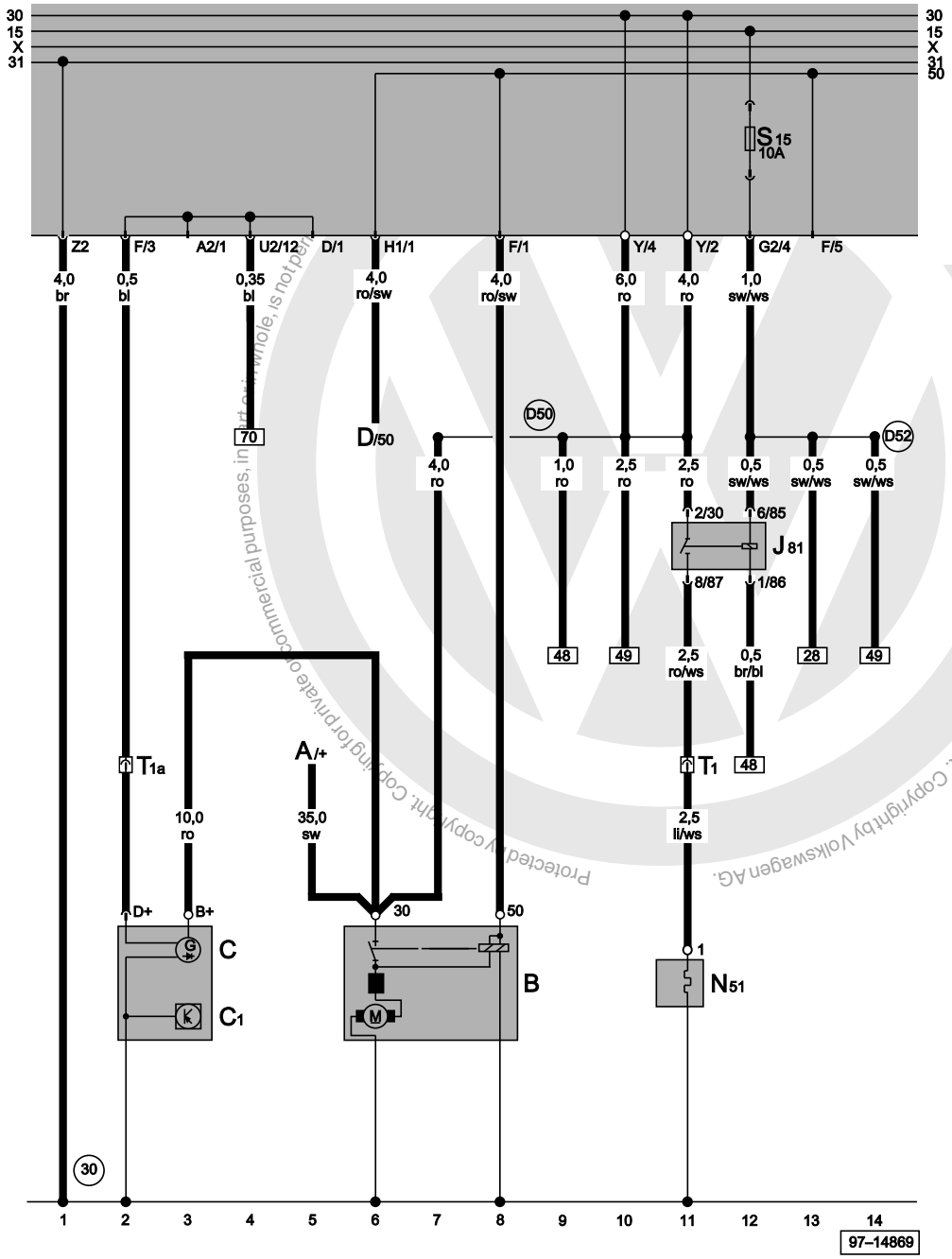

Alternator, starter, intake manifold preheating

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J81	Intake manifold preheating relay
N51	Intake manifold preheating heater element
T1	Single connector, near brake servo unit
T1a	Single connector, near starter
30	Earth point -1-, next to relay plate
D50	Positive (+) connection (30), in engine compartment wiring harness
D52	Positive (+) connection (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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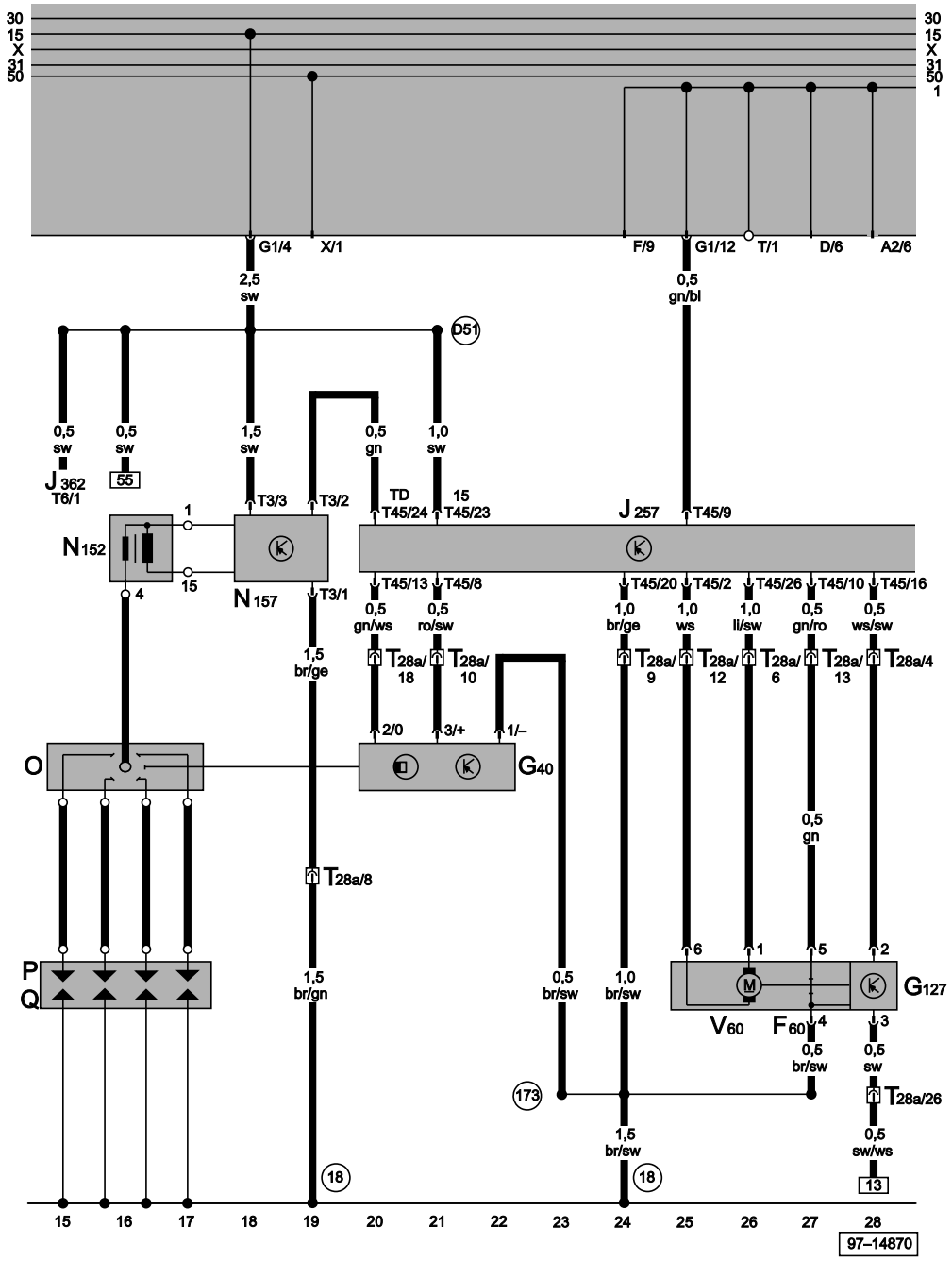

Mono–Motronic control unit, ignition system, hall sender, throttle valve positioner

F60	Idling switch
G40	Hall sender
G127	Throttle valve positioner sender
J220	Mono-Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T3	3-pin connector, ignition transformer output stage
T6	6-pin connector
T28a	28-pin connector, on engine left
T45	45-pin connector, on Mono-Motronic control unit
V60	Throttle valve positioner
18	Earth point, on engine block
173	Earth connection -1-, in Mono-Motronic wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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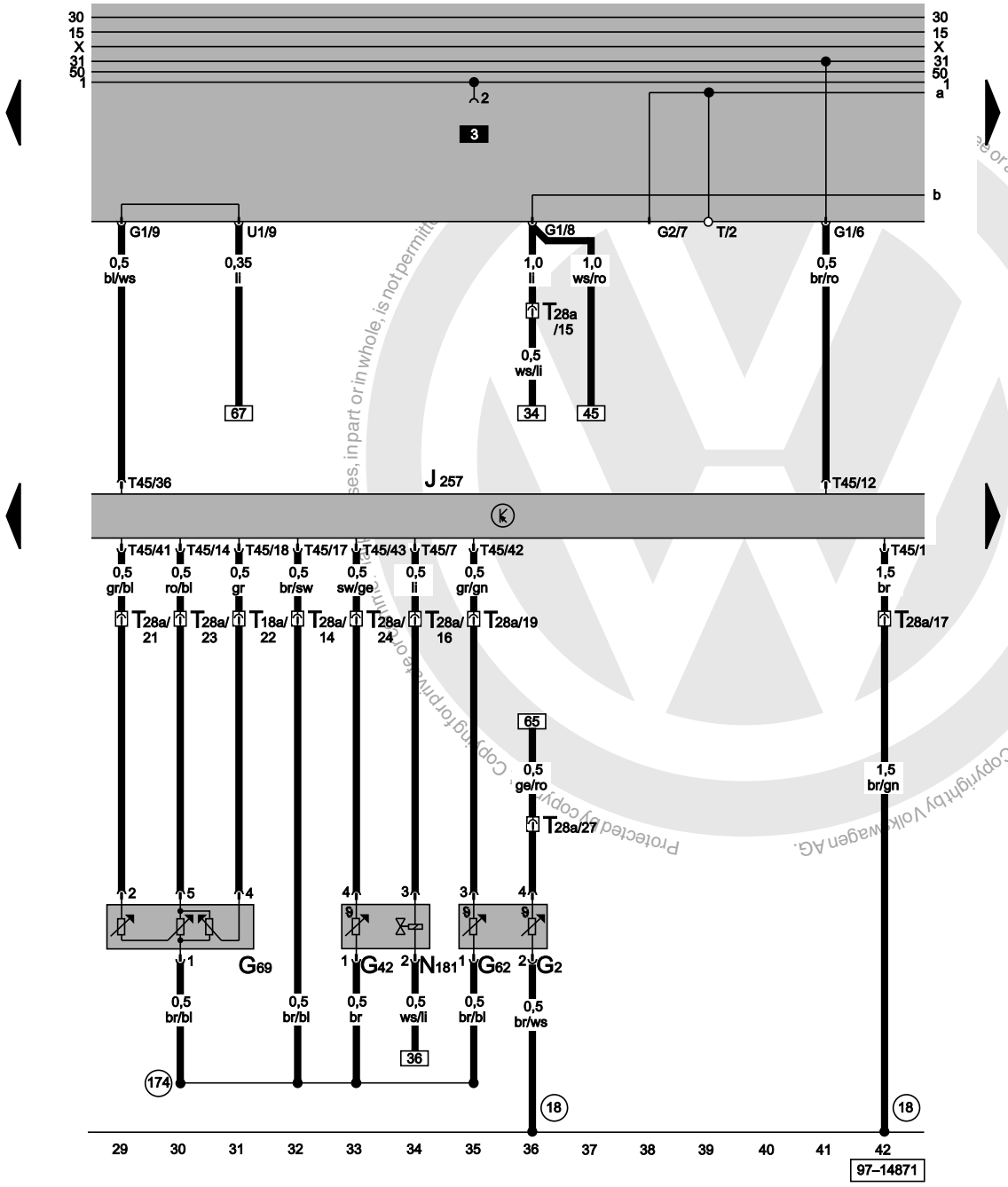

Mono–Motronic control unit, throttle valve potentiometer, injector

G2	Coolant temperature sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G69	Throttle valve potentiometer
J220	Mono-Motronic control unit, in plenum chamber, left
N181	Injectors
T28a	28-pin connector, on engine left
T45	45-pin connector, on Mono-Motronic control unit
18	Earth point, on engine block
174	Earth connection -2-, in Mono-Motronic wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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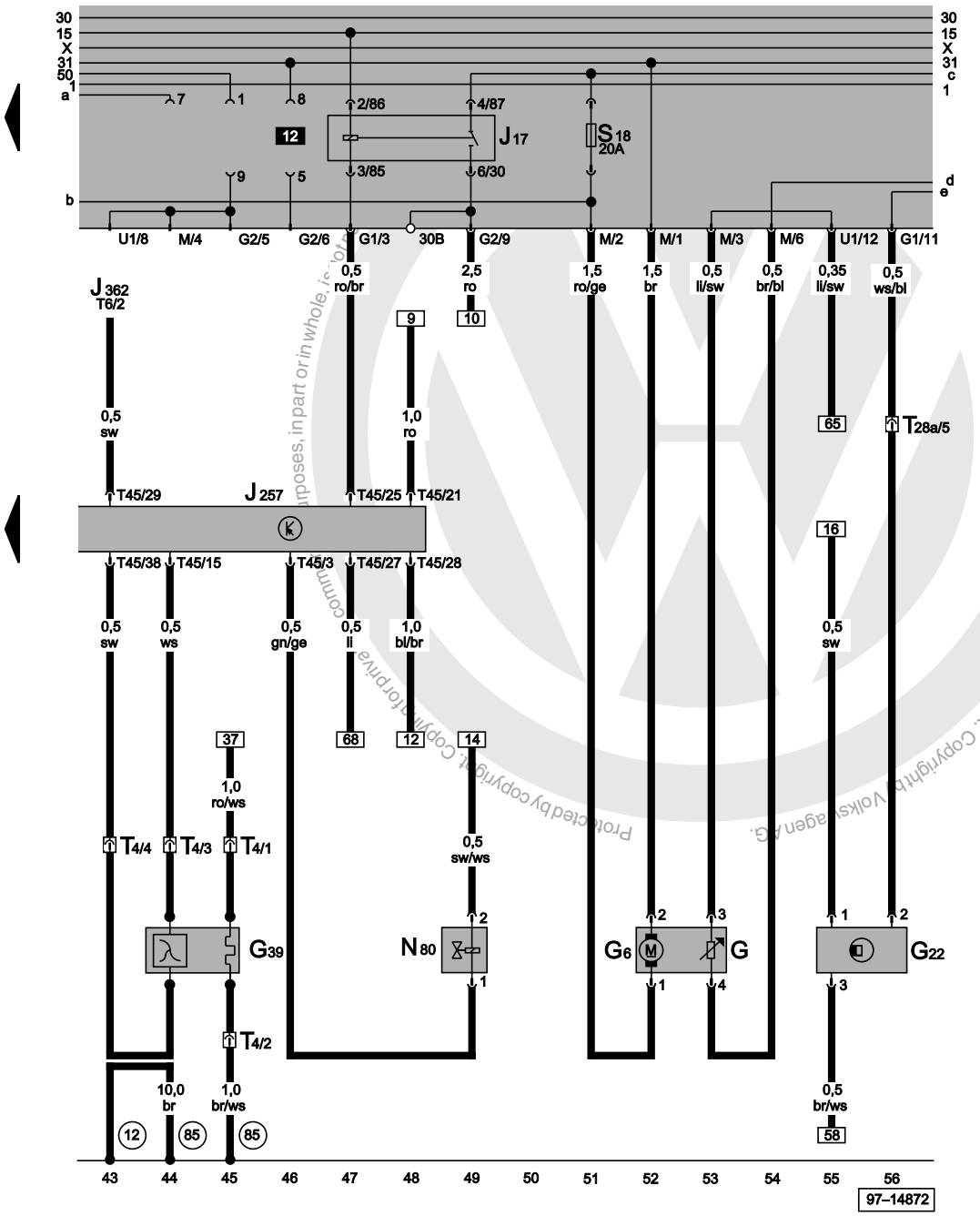

Mono–Motronic control unit, lambda probe, activated charcoal filter system solenoid valve, fuel supply system, speedometer sender

G	Fuel gauge sender
G6	Fuel pump
G22	Speedometer sender
G39	Lambda probe
J17	Fuel pump relay
J220	Mono-Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T4	4-pin connector
T6	6-pin connector
T28a	28-pin connector, on engine left (only models with automatic gearbox)
T45	45-pin connector, on Mono-Motronic control unit
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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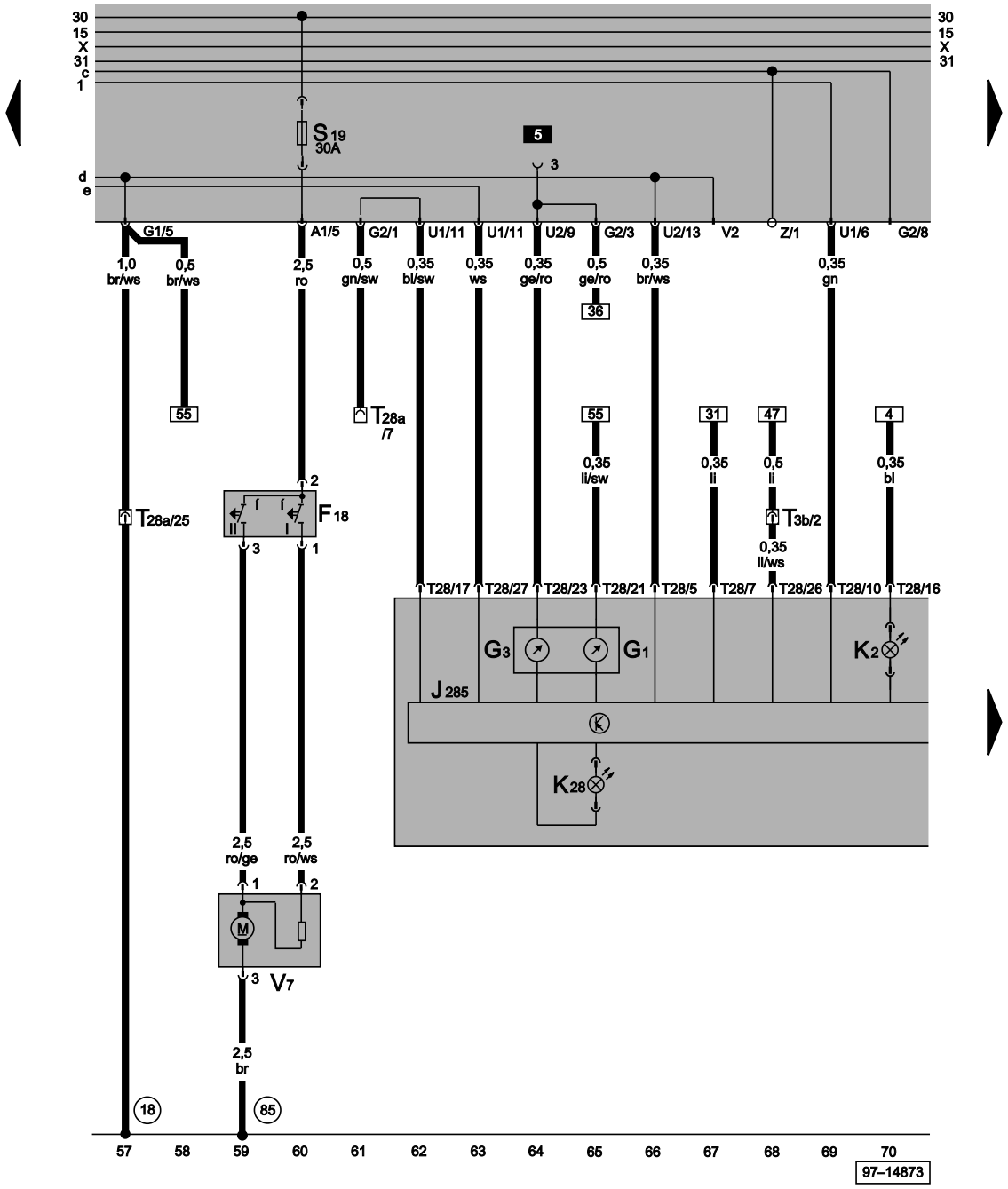

Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, radiator fan

F18	Radiator fan thermo-switch
G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
T3b	3-pin connector, behind dash panel, left
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left
V7	Radiator fan
18	Earth point, on cylinder block
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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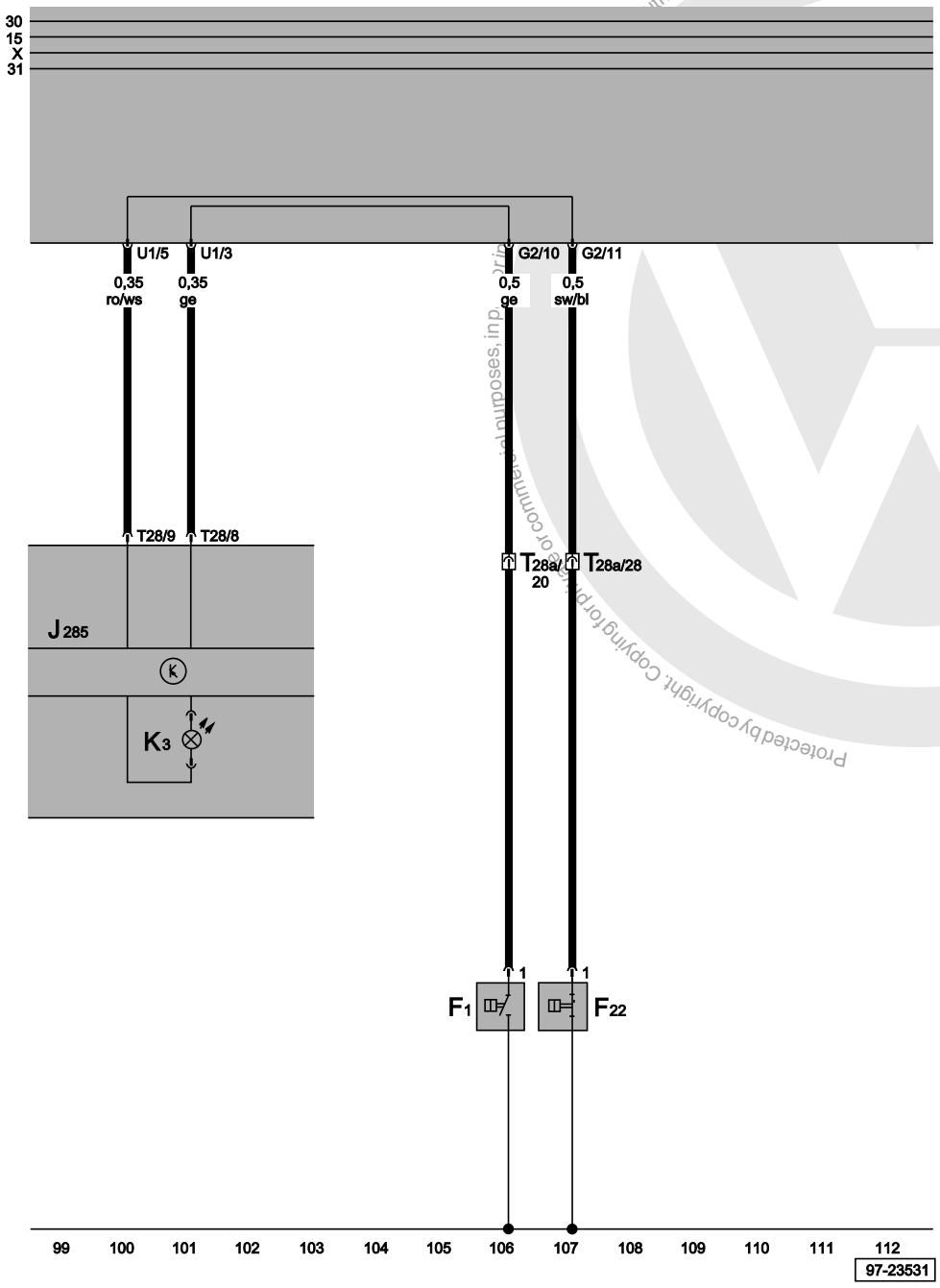

Dash panel insert, optical and acoustical oil pressure warning

F1	Oil pressure switch
F22	Oil pressure switch (0.3 bar)
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
T28	28-pin connector, on dash panel insert
T28a	28-pin connector, on engine left

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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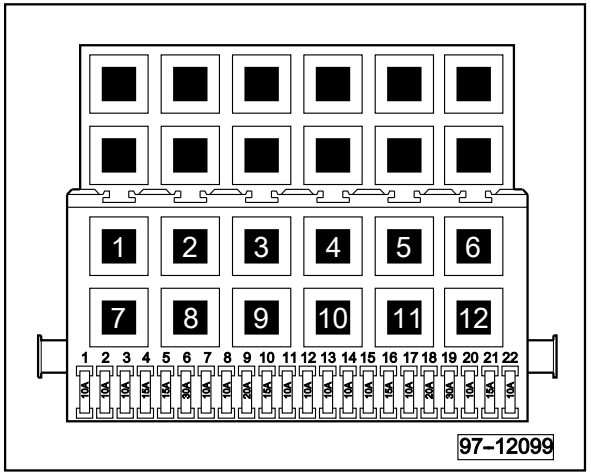
1.7 l/44 kW diesel engine, engine codes AKW

From December 1997

1.9 l/47 kW diesel engine, engine codes AEY

From December 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Terminal 30 voltage supply relay (109)
12 - Glow plug relay (103)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige

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3 A - purple

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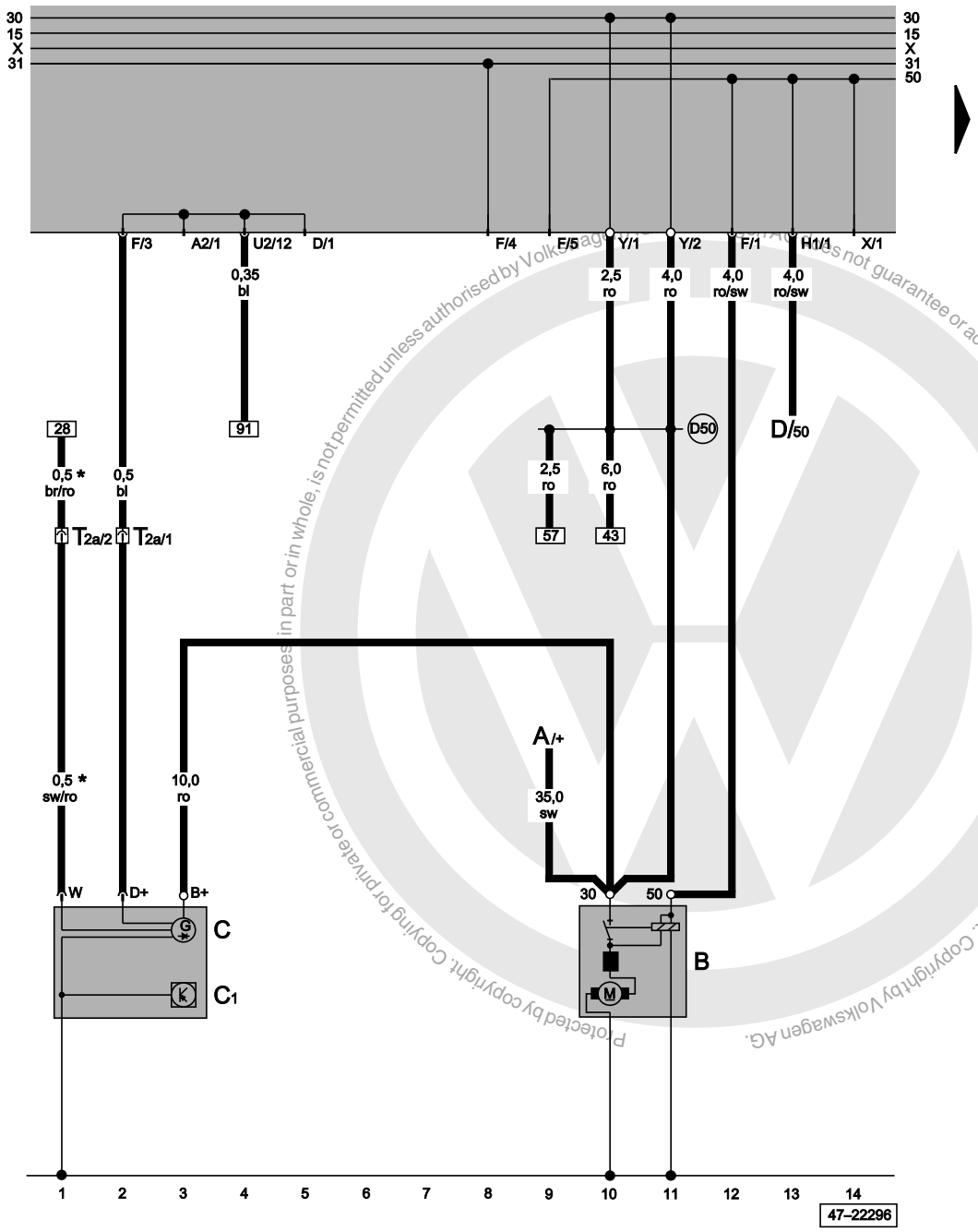

Battery, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2a	2-pin connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness
*	Only models with coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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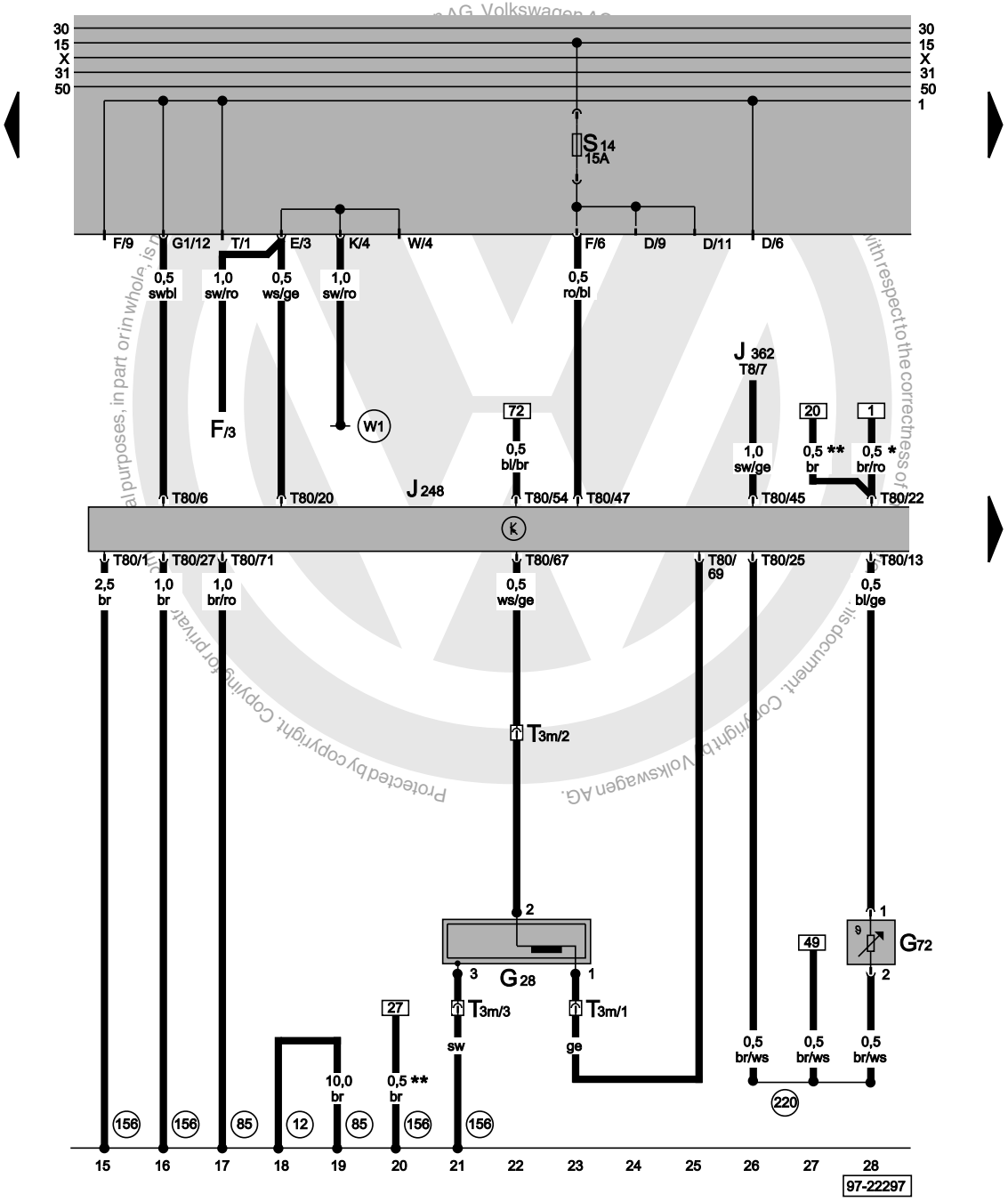
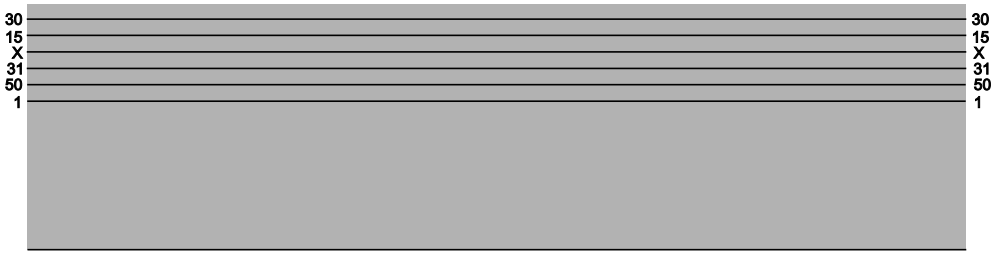


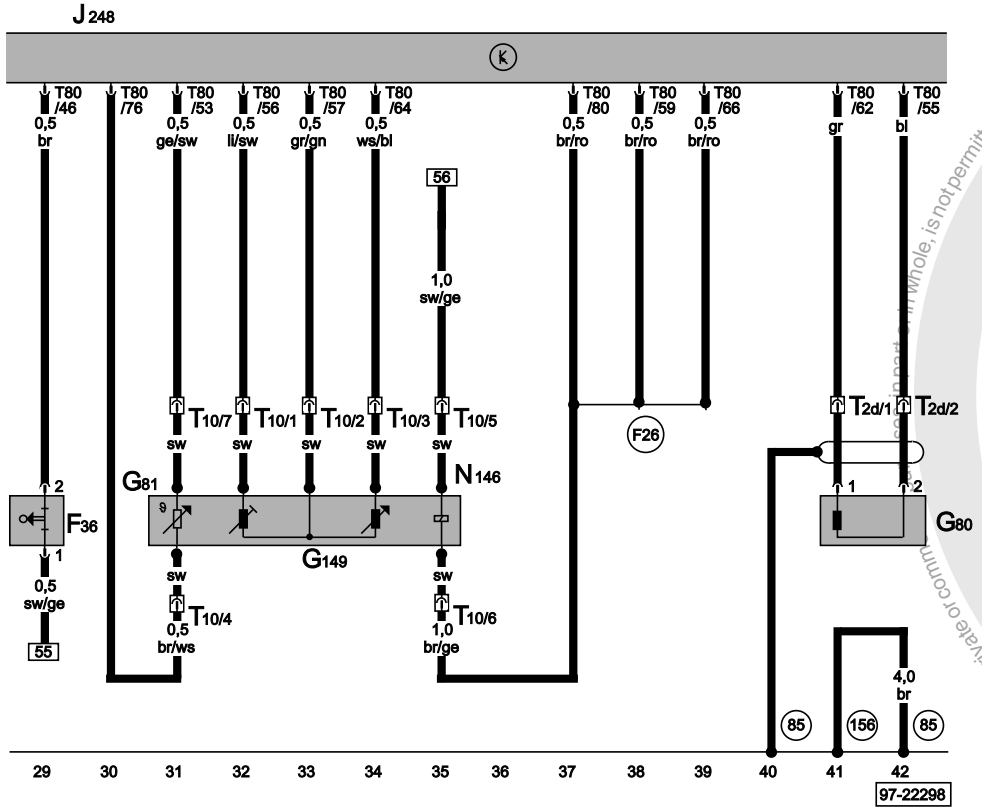
Diesel direct injection system control unit, engine speed sender, intake manifold temperature sender

F	Brake light switch
G28	Engine speed sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J362	Immobilizer control unit, behind dash panel, left
T3m	3-pin connector, on cylinder head, left
T8	8-pin connector, on immobilizer control unit
T80	80-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness
W1	Positive (+) connection (54), in rear wiring harness
*	Only models with coolant heater element
**	Only models without coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica





Diesel direct injection system control unit, metering adjuster, needle lift sender, fuel temperature sender, modulating piston movement sender

F36	Clutch pedal switch
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit, in plenum chamber, right
N146	Metering adjuster
T2d	2-pin connector, on cylinder head, left, near injection pump
T10	10-pin connector, on the injection pump (only models with engine code AHB)
T80	80-pin connector
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
F26	Connection (sender earth), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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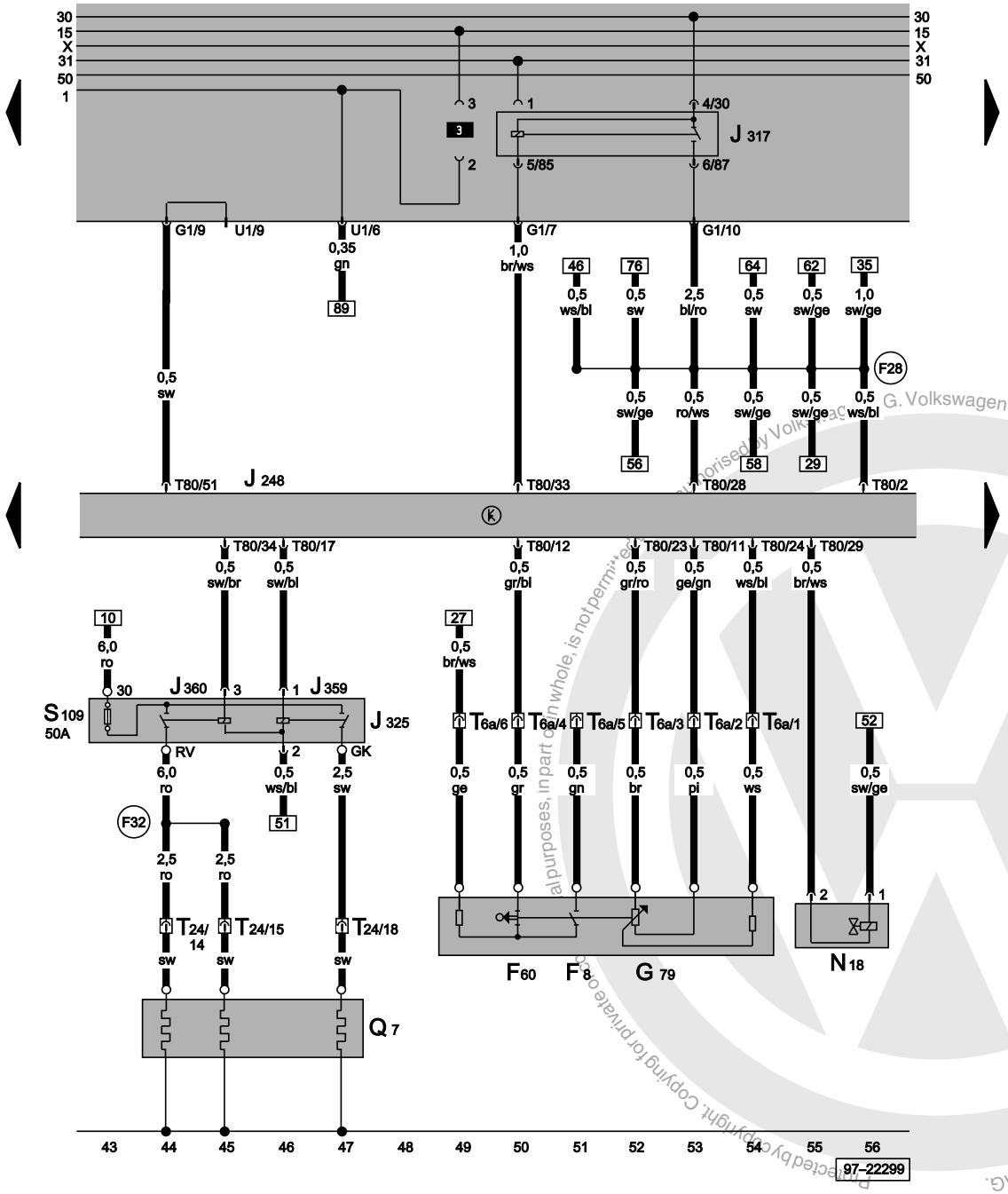

Diesel direct injection system control unit, terminal 30 voltage supply relay, coolant heater element, accelerator pedal position senders, exhaust gas recirculation valve

F8	Kick-down switch, only with automatic gearbox
F60	Idling switch
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J317	Terminal 30 voltage supply relay
J325	Relay for coolant heater elements, on bulkhead left
J359	Low heat output relay
J360	High heat output relay
N18	Exhaust gas recirculation valve
Q7	Coolant heating elements
S109	Strip fuse for coolant heating elements
T6a	6-pin connector, behind relay plate
T24	24-pin connector, on cylinder head, left
T80	80-pin connector
F28	Connection -3-, in diesel direct injection system wiring harness
F32	Connection (glow plugs - coolant), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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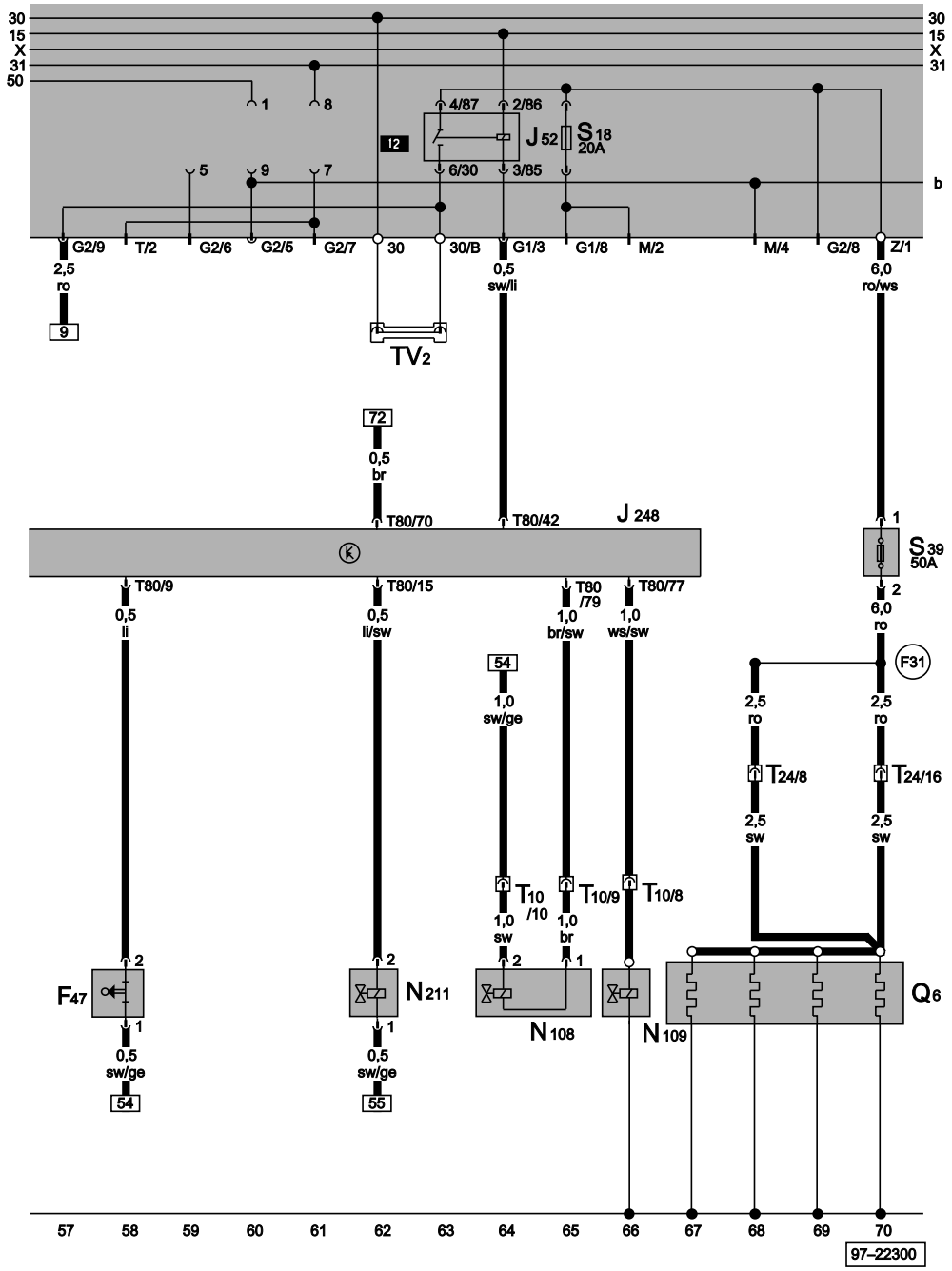

Diesel direct injection system control unit, glow plugs (engine), fuel shut–off valve, commencement of injection valve, throttle butterfly valve

F47	Cruise control system brake pedal switch (diesel direct injection system)
J52	Glow plug relay
J248	Diesel direct injection system control unit, in plenum chamber, right
N75	Charge pressure control solenoid valve
N108	Commencement of injection valve
N109	Fuel shut-off valve
N211	Throttle butterfly valve
Q6	Glow plugs (engine)
S39	Strip fuse for glow plugs (engine), on bulkhead, left
T10	10-pin connector, near injection pump (only models with engine code AHB)
T24	24-pin connector, on cylinder head, left
T80	80-pin connector
TV2	Terminal 30 junction box
(F31)	Connection (glow plugs - engine), in diesel direct injection system wiring harness
*	Only engine codes AEY

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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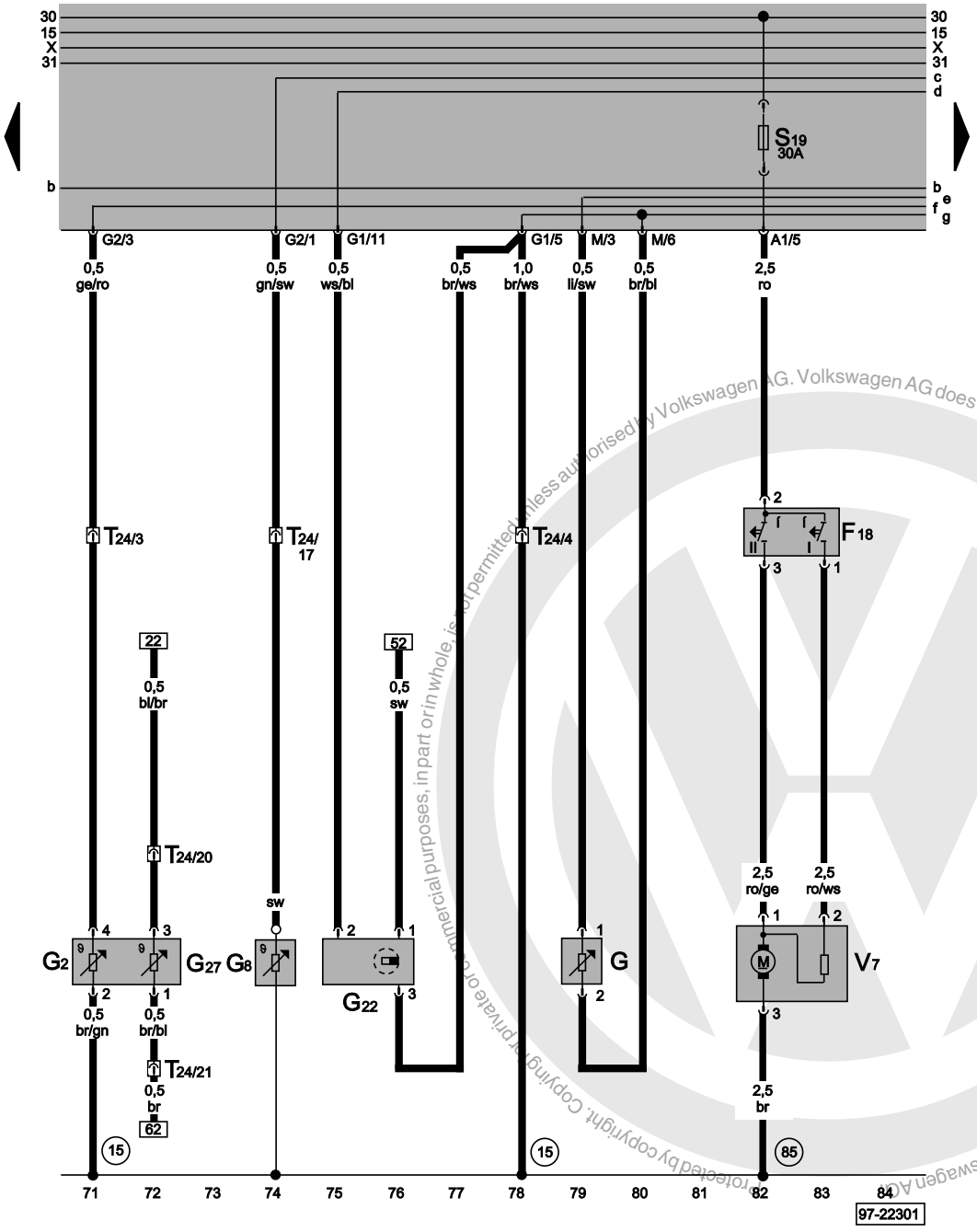

Multi–function display, speedometer sender, coolant temperature gauge, radiator fan

F18	Radiator fan thermo-switch
G	Fuel gauge sender
G2	Coolant temperature gauge sender
G8	Oil temperature sender
G22	Speedometer sender (Hall sender, on gearbox)
G27	Engine temperature sender
T24	24-pin connector, on cylinder head, left
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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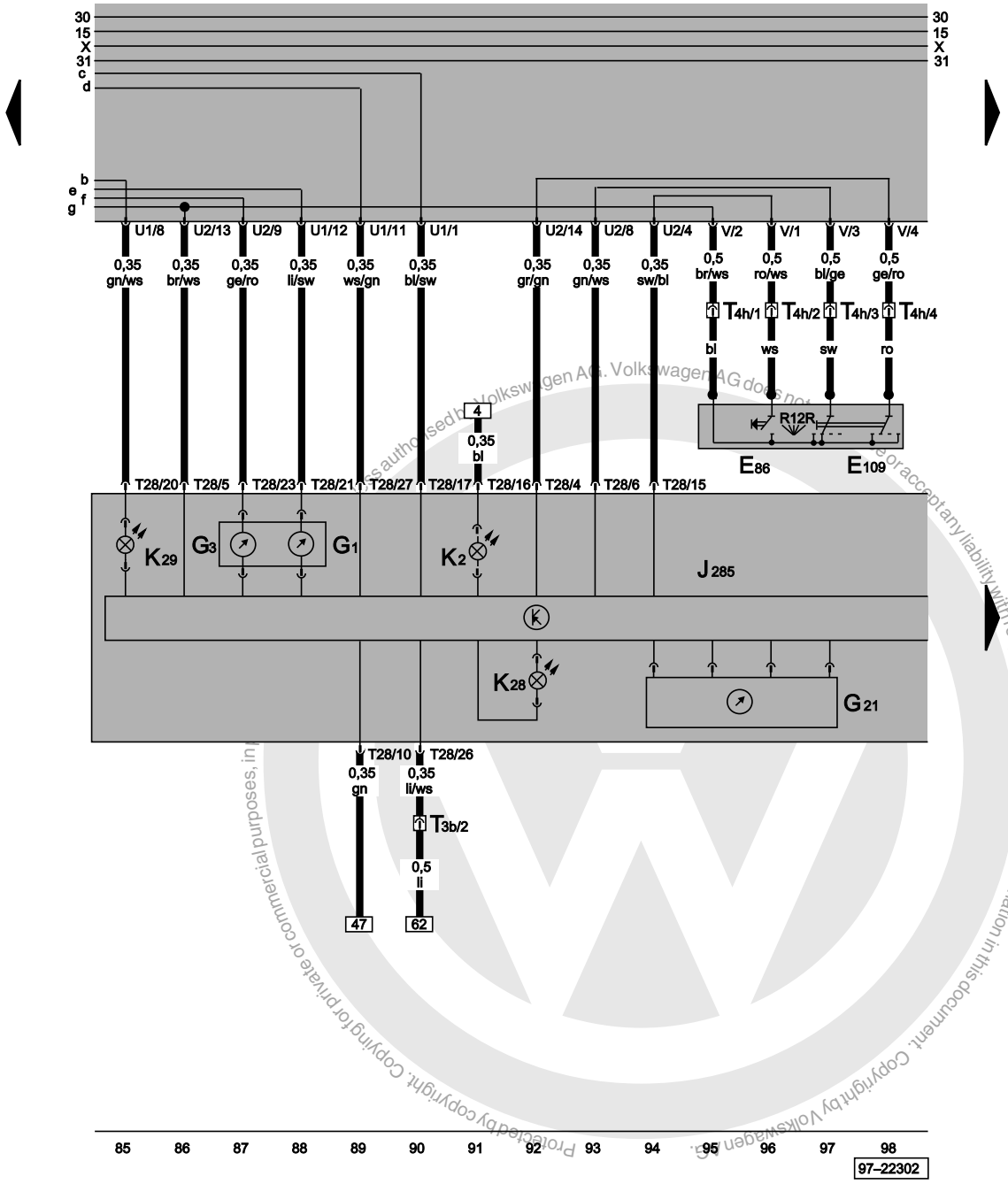

Dash panel insert, coolant shortage and coolant temperature indicator, fuel gauge, speedometer, multi–function display switch

E86	Multi-function display call-up button
E109	Multi-function display, memory switch
G1	Fuel gauge
G3	Coolant temperature gauge
G21	Speedometer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K29	Glow period warning lamp
T3b	3-pin connector, behind dash panel, left
T4h	4-pin connector, behind steering column switch trim
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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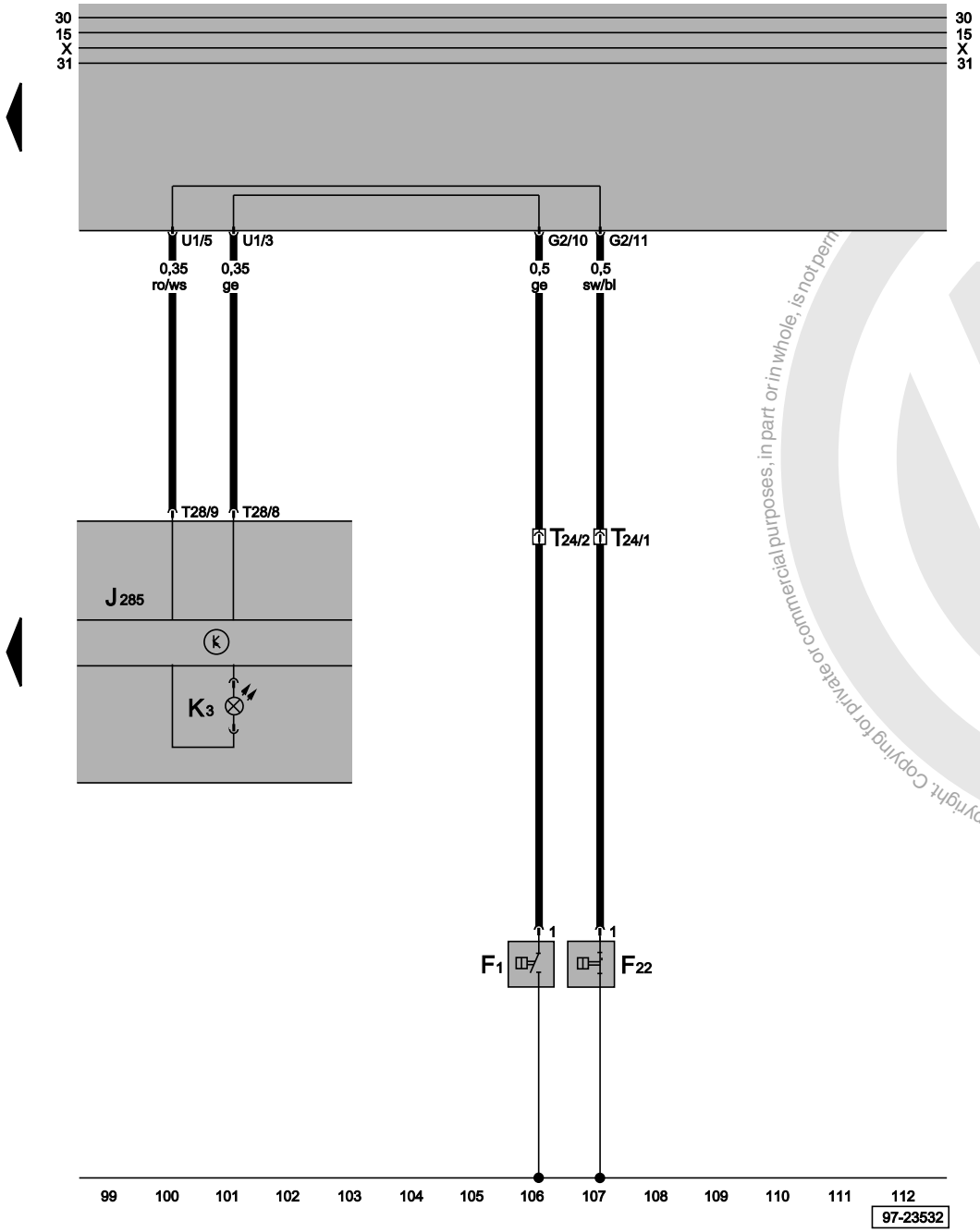
Dash panel insert, optical and acoustical oil pressure warning

F1	Oil pressure switch
F22	Oil pressure switch (0.3 bar)
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
T24	24-pin connector, on engine left
T28	28-pin connector, on dash panel insert



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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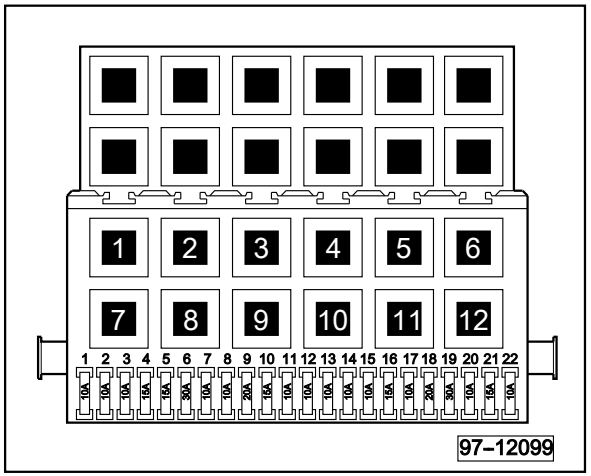
Immobilizer

⇒ 1.0 l/37 kW Motronic, engine codes ALL
⇒ 1.4 l/44 kW Motronic, engine codes AKV
⇒ 1.6 l/55 kW - 1AV, engine codes AEE
From December 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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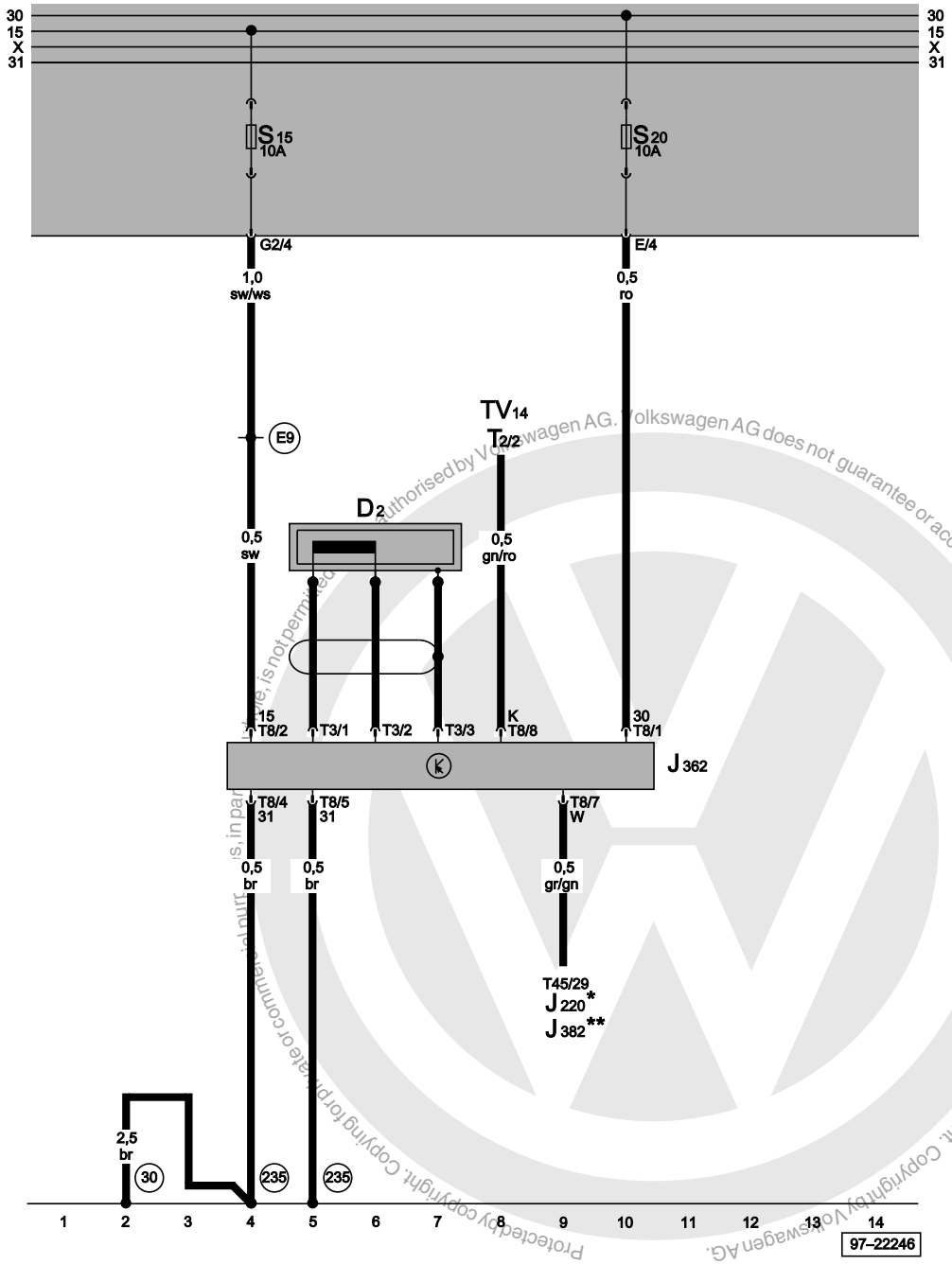

Immobilizer

D2	Immobilizer reading coil
J220	Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit, on dash panel, above the relay plate
J382	1AV control unit (injection system)
T2	2-pin connector, terminal for self-diagnosis, behind the relay plate
T3	3-pin connector
T8	8-pin connector
T45	45-pin connector
TV14	Terminal for self-diagnosis
30	Earth point -1-, next to relay plate
235	Earth connection, in immobilizer wiring harness
E9	Positive (+) connection -2- (15), in Motronic wiring harness
*	On engine codes ALL and AKV
**	On engine codes AEE

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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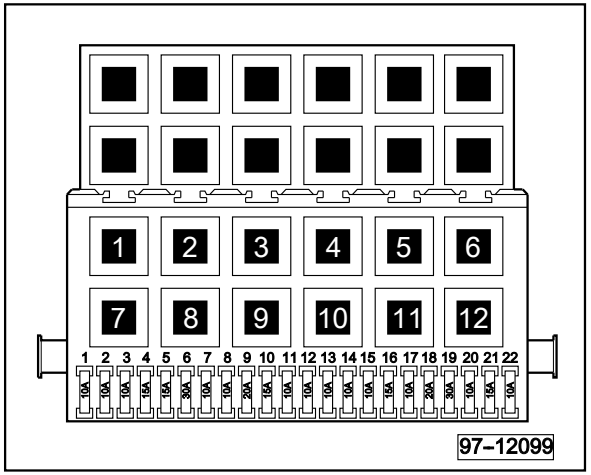
1.9 l/66 kW turbo-diesel engine, engine codes ALE

From December 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Terminal 30 voltage supply relay (109)
12 - Glow plug relay (103)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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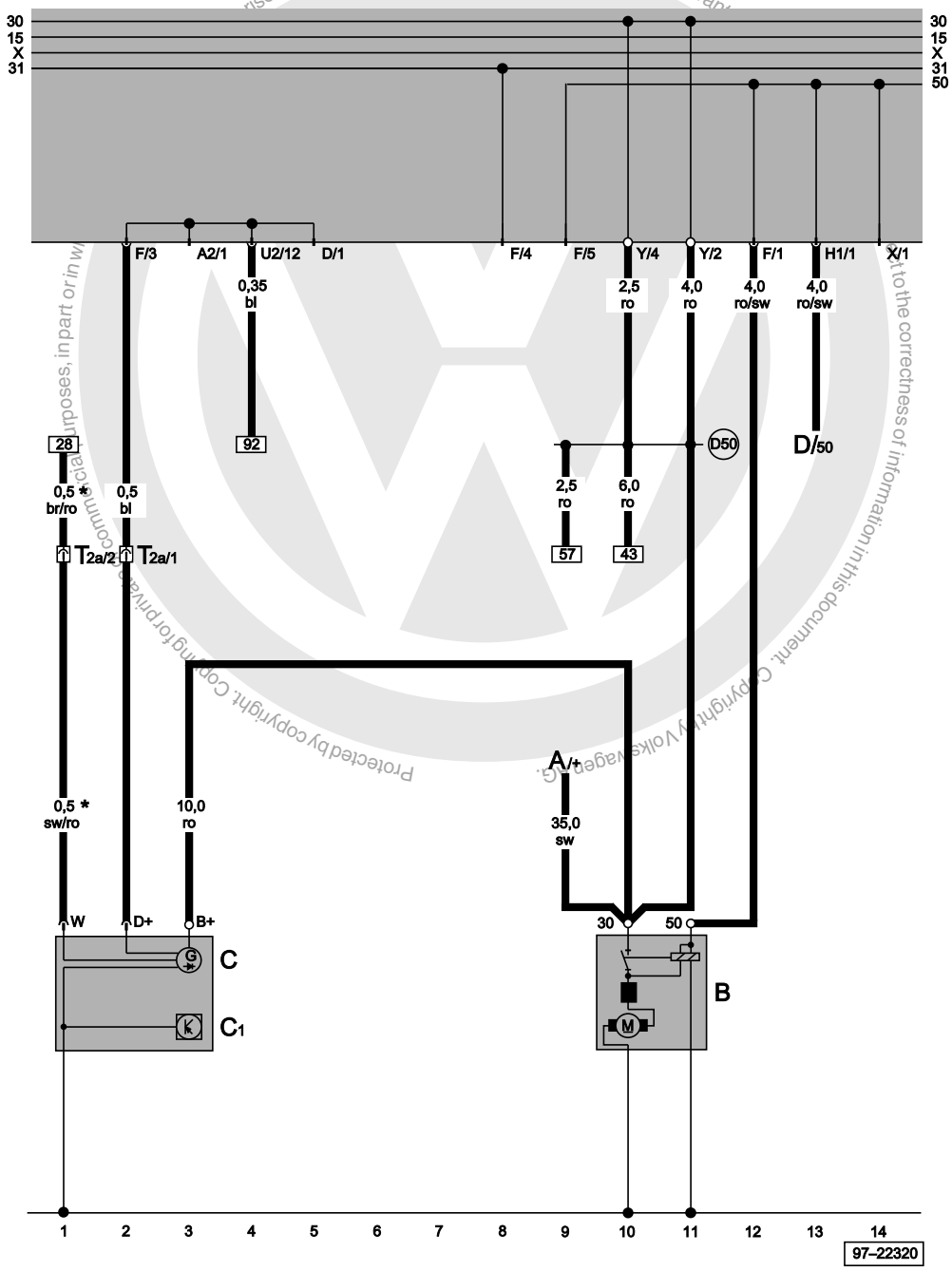

Battery, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2a	2-pin connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness
*	Only models with coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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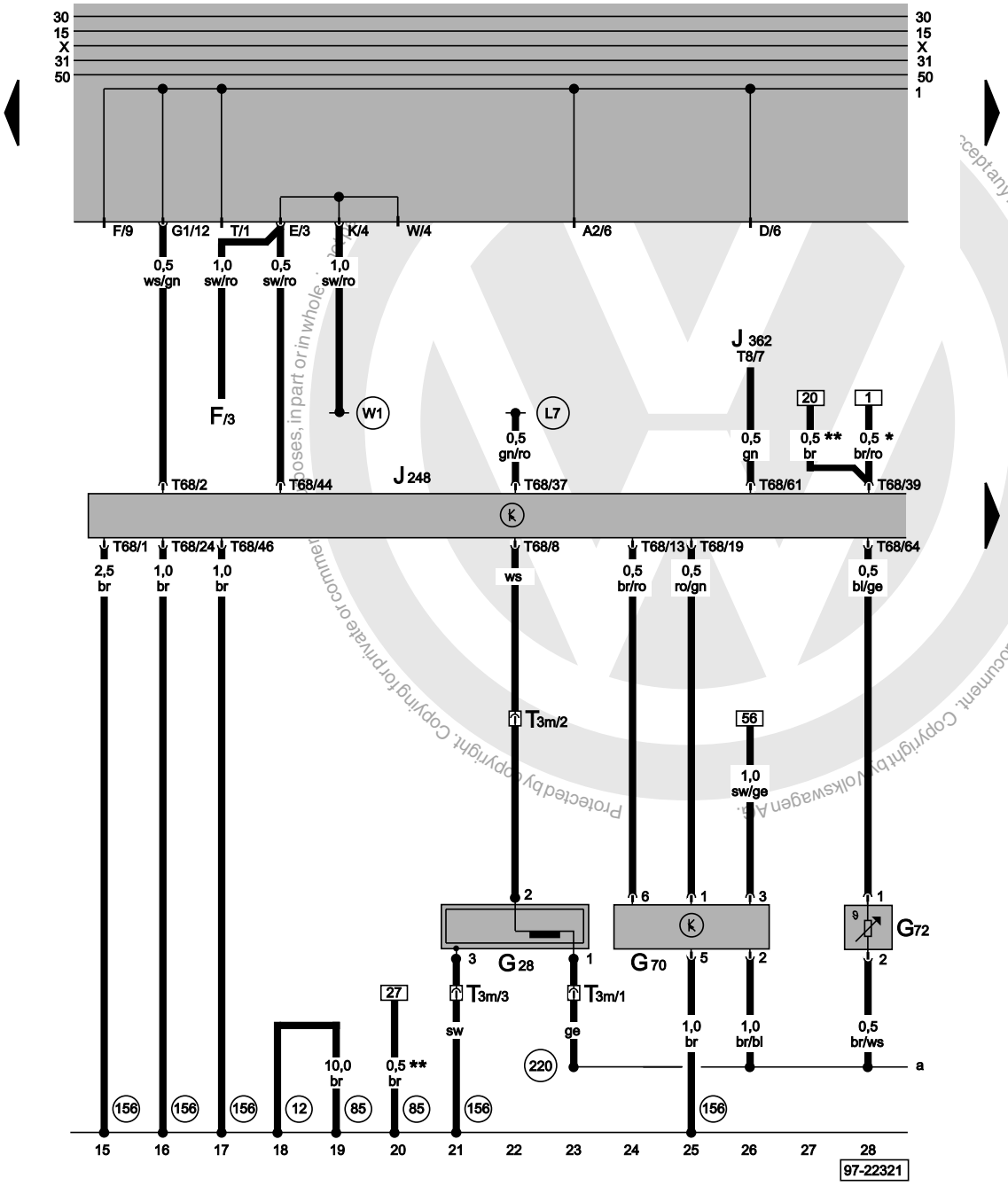
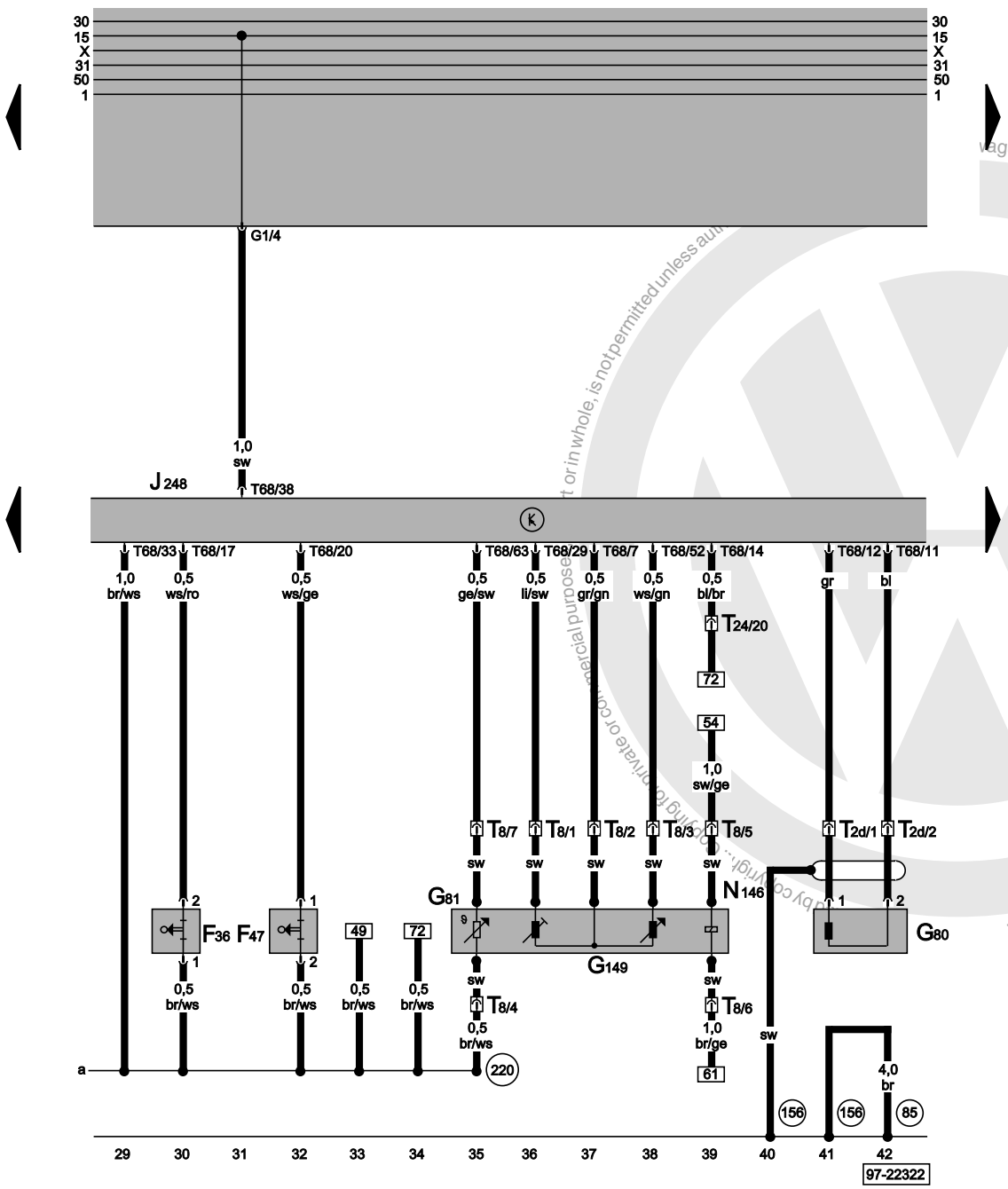


Diesel direct injection system control unit, engine speed sender, air mass meter, intake manifold temperature sender

F	Brake light switch
G28	Engine speed sender
G70	Air mass meter
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J362	Immobilizer control unit, behind dash panel, left
T3m	3-pin connector, on cylinder head, left
T8	8-pin connector, on immobilizer control unit
T68	68-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness
L7	Connection -3-, in air conditioner wiring harness
W1	Positive (+) connection (54), in rear wiring harness
*	Only models with coolant heater element
**	Only models without coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica

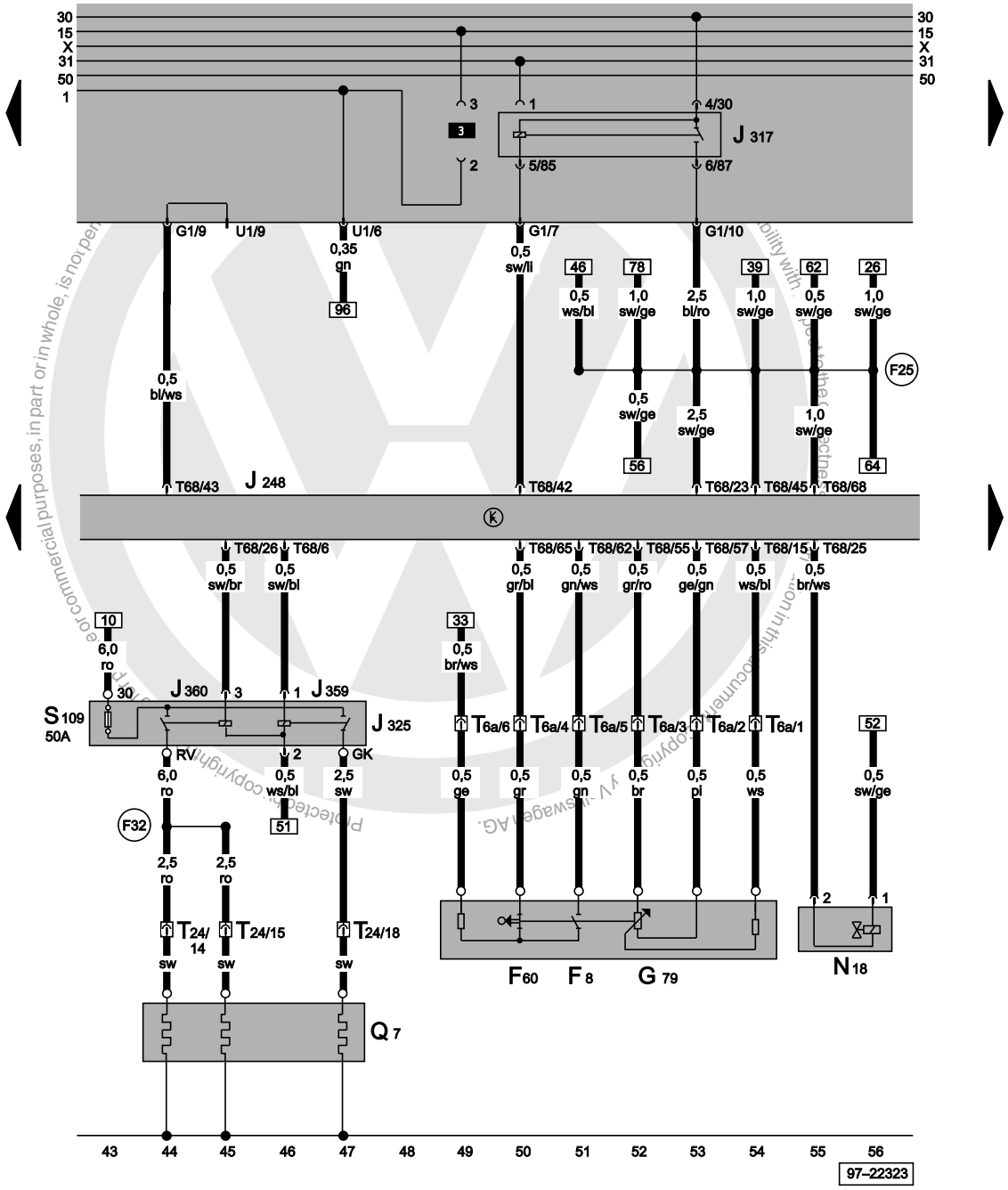


Diesel direct injection system control unit, metering adjuster, needle lift sender, fuel temperature sender, modulating piston movement sender

F36	Clutch pedal switch
F47	Cruise control system brake pedal switch/diesel direct inj. system
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit, in plenum chamber, right
N146	Metering adjuster
T2d	2-pin connector, on cylinder head, left, near injection pump
T8	8-pin connector, on injection pump
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica

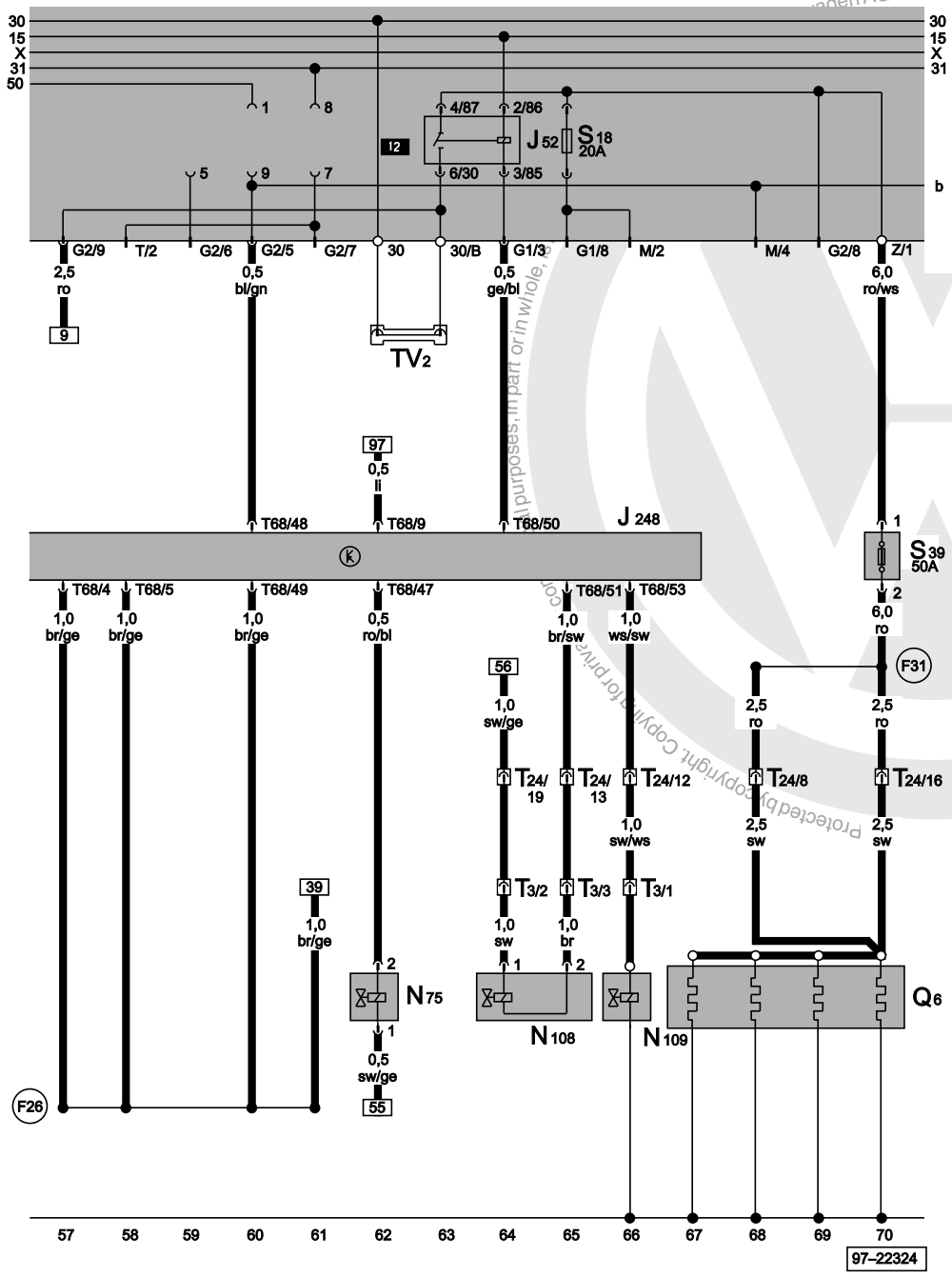


Diesel direct injection system control unit, terminal 30 voltage supply relay, coolant heater element, accelerator pedal position senders, exhaust gas recirculation valve

F8	Kick-down switch, only with automatic gearbox
F60	Idling switch
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J317	Terminal 30 voltage supply relay
J325	Relay for coolant heater elements, on bulkhead left
J359	Low heat output relay
J360	High heat output relay
N18	Exhaust gas recirculation valve
Q7	Coolant heating elements
S109	Strip fuse for coolant heating elements
T6a	6-pin connector, behind relay plate
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
F25	Connection -1-, in diesel direct injection system wiring harness
F32	Connection (glow plugs - coolant), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Diesel direct injection system control unit, glow plugs (engine), fuel shut–off valve, commencement of injection valve, charge pressure control solenoid valve

J52	Glow plug relay
J248	Diesel direct injection system control unit, in plenum chamber, right
N75	Charge pressure control solenoid valve
N108	Commencement of injection valve
N109	Fuel shut-off valve
Q6	Glow plugs - engine
S39	Strip fuse for glow plugs (engine), on bulkhead, left
T3	3-pin connector, near injection pump
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
TV2	Terminal 30 junction box
F26	Connection -2-, in diesel direct injection system wiring harness
F31	Connection (glow plugs - engine), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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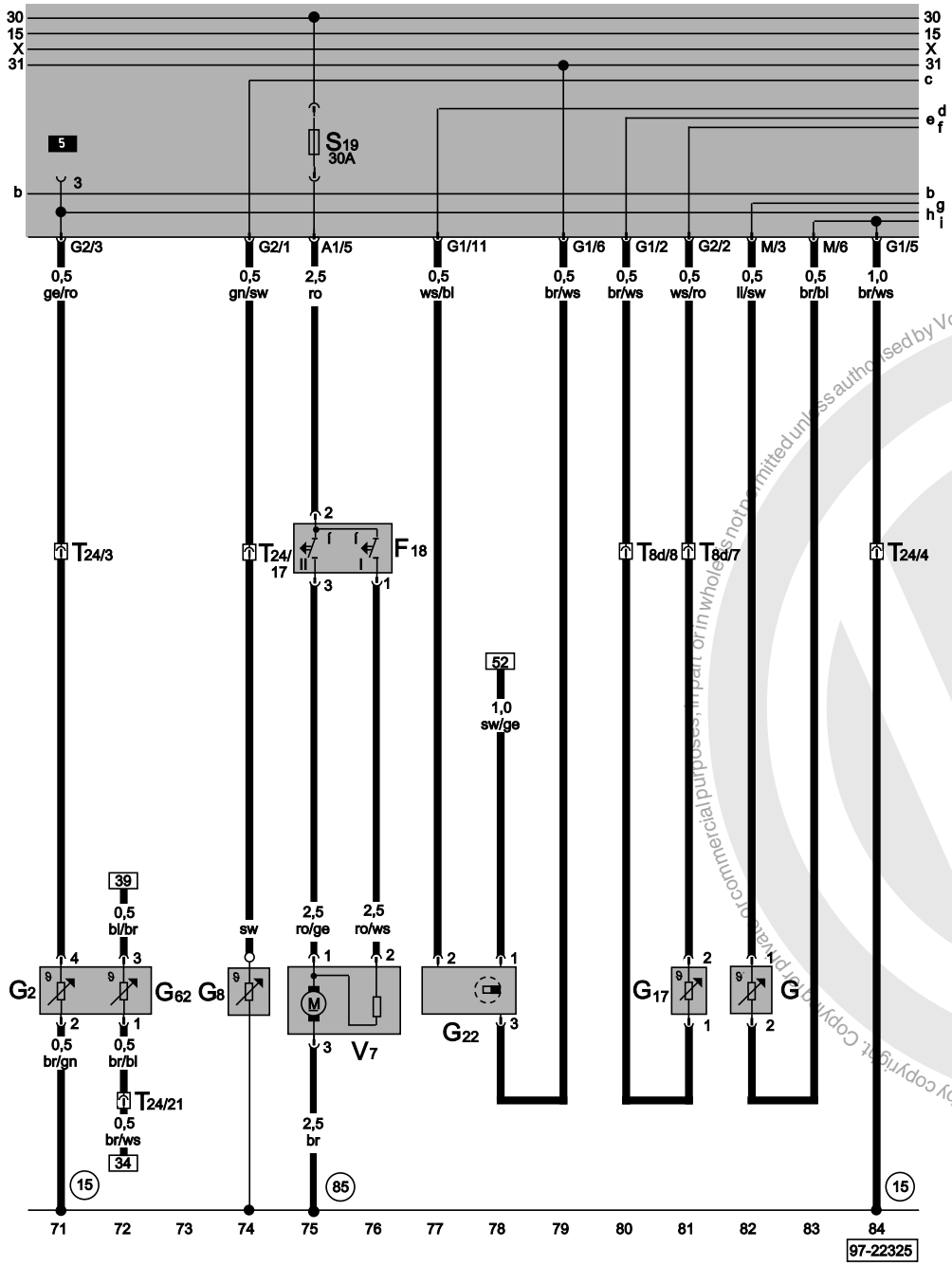

Multi–function display, speedometer sender, coolant temperature gauge, radiator fan

F18	Radiator fan thermo-switch
G	Fuel gauge sender
G2	Coolant temperature gauge sender
G8	Oil temperature sender
G17	Ambient temperature sensor
G22	Speedometer sender (hall sender, on gearbox)
G62	Coolant temperature sender
T8d	8-pin connector, near headlight, right
T24	24-pin connector, on cylinder head, left
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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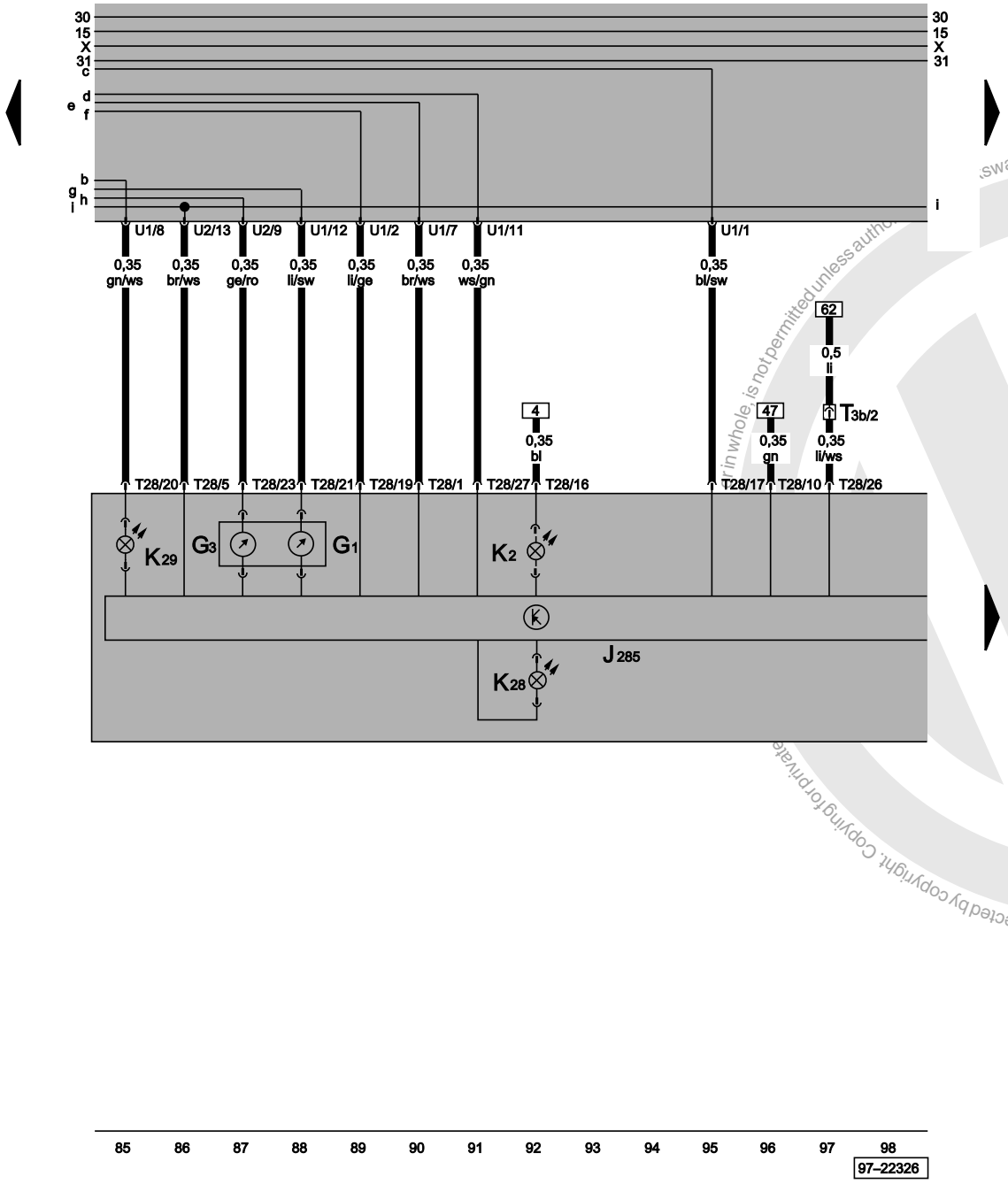

Dash panel insert, coolant shortage and coolant temperature indicator, fuel gauge

G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K29	Glow period warning lamp
T3b	3-pin connector, behind dash panel, left
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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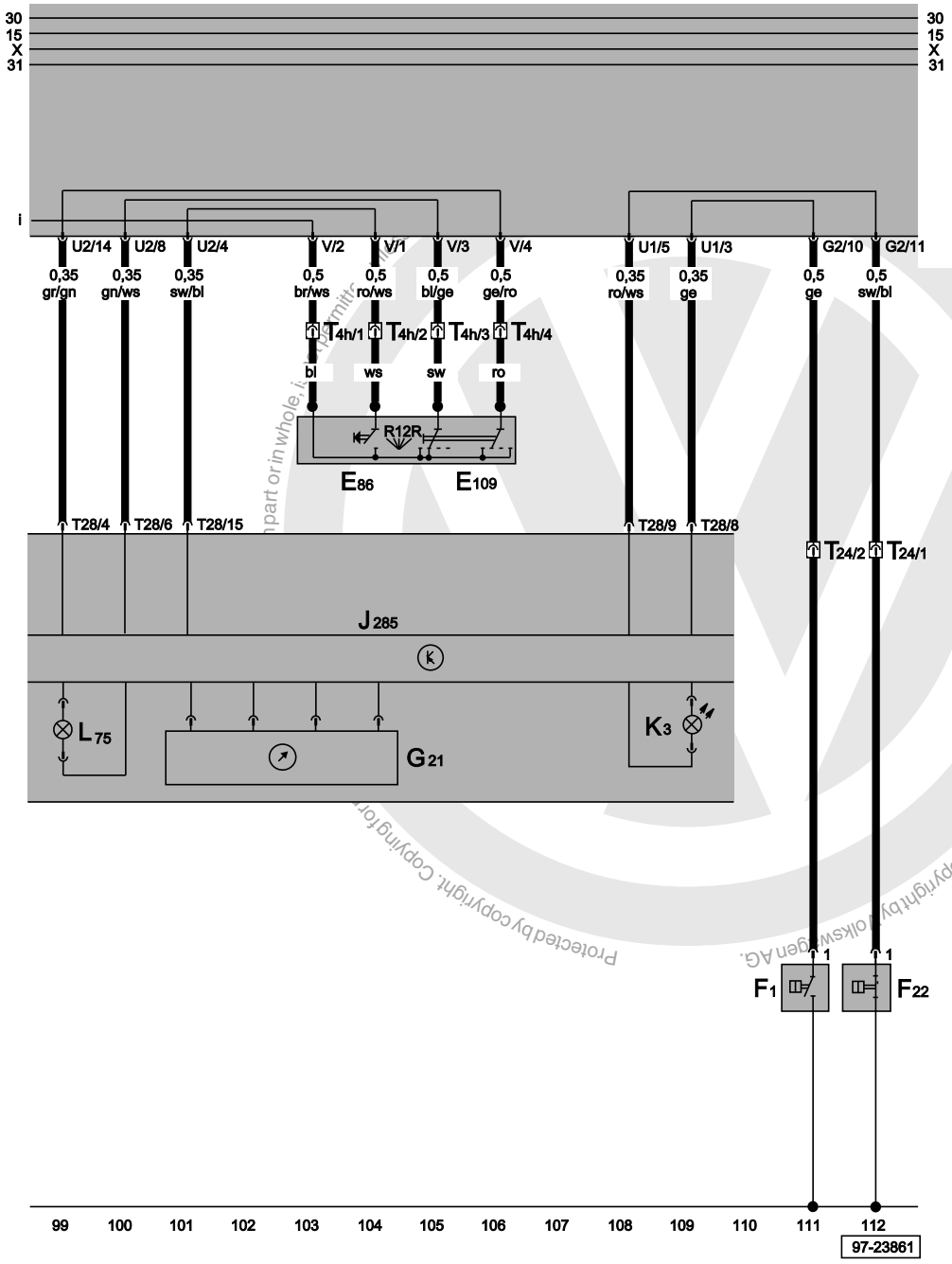

Dash panel insert, speedometer, multi–function display, optical and acoustical oil pressure warning

E86	Multi-function display call-up button
E109	Multi-function display, memory switch
F1	Oil pressure switch
F22	Oil pressure switch (0.3 bar)
G21	Speedometer
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
L75	Digital display illumination
T4h	4-pin connector, behind steering column switch trim
T24	24-pin connector, on engine left
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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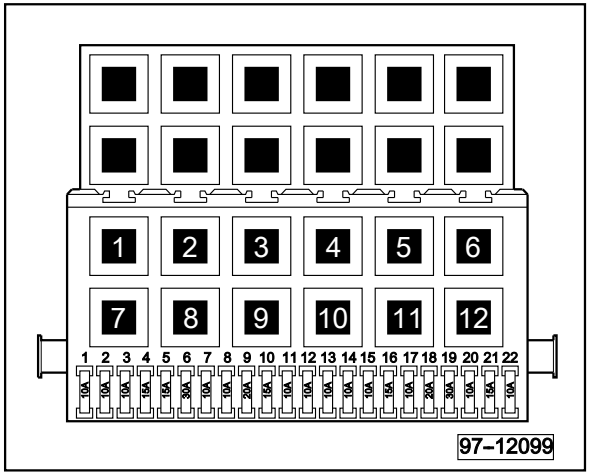
1.4 l/44 kW Motronic, engine codes AKV
From December 1997

1.6 l/55 kW 1AV, engine codes AEE
From December 1997

1.4 l/40 kW Motronic, engine codes ANX
From December 1997

1.4 l/44 kW Motronic, engine codes APQ
From January 1998

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



12 - - Fuel pump relay (167)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white

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20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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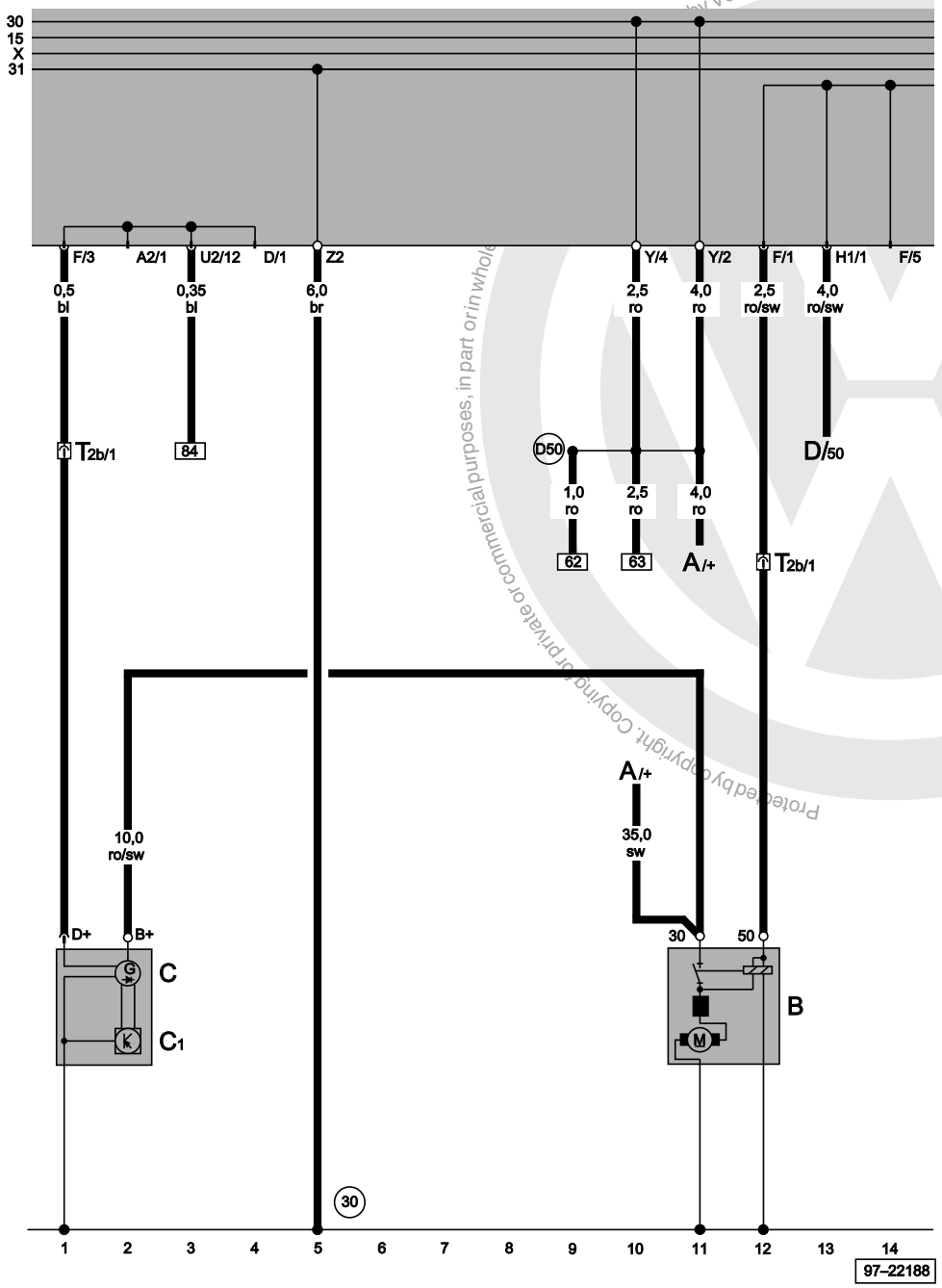

Alternator, starter

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2b	2-pin connector, behind relay plate
30	Earth point -1-, next to relay plate
D50	Positive (+) connection (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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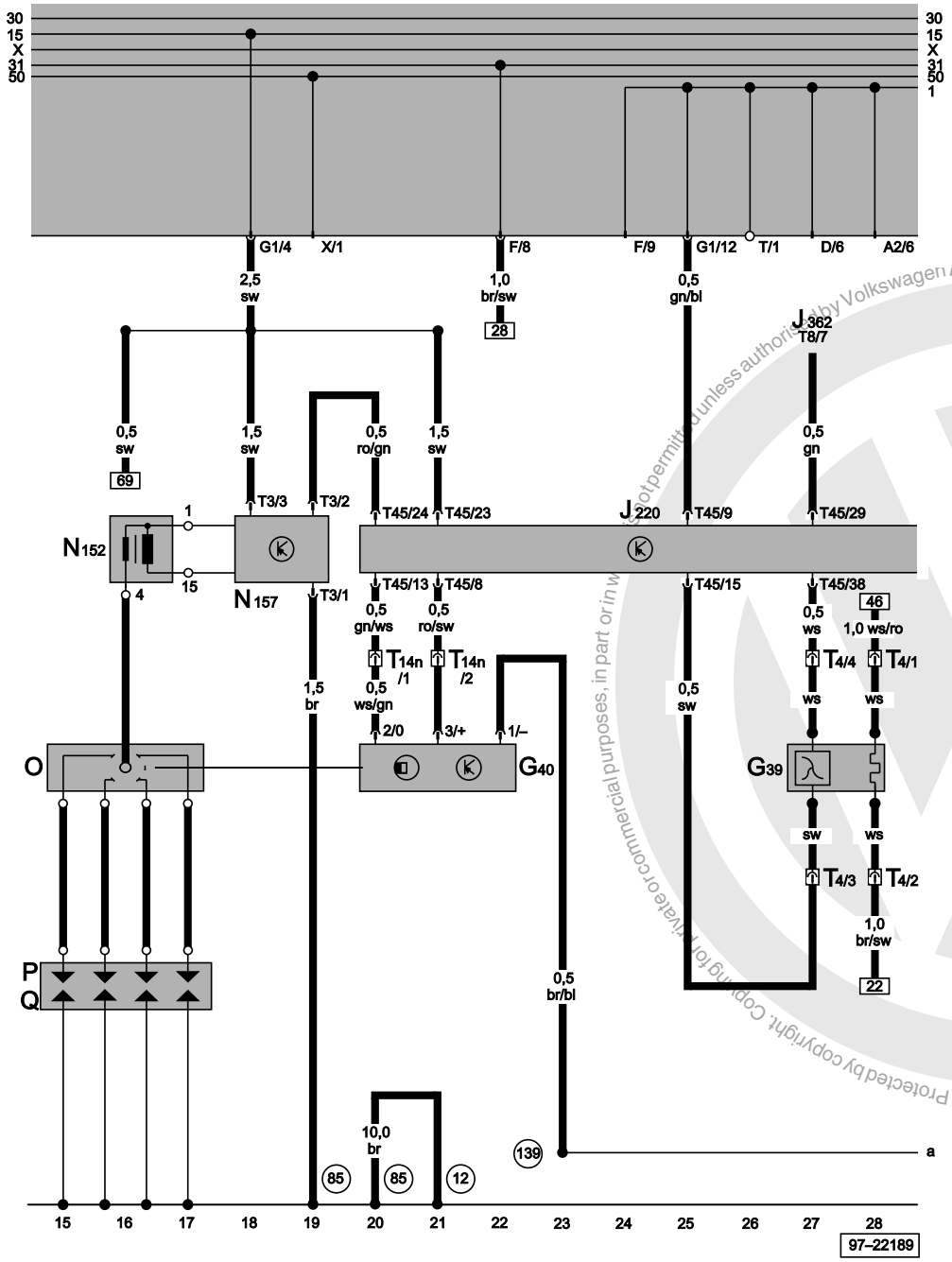

Motronic control unit, ignition system, lambda probe

G39	Lambda probe
G40	Hall sender
J220	Motronic control unit, in plenum chamber, left
J362	Immobilizer control unit
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T3	3-pin connector, ignition transformer output stage
T4	4-pin connector
T8	8-pin connector
T14n	28-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
139	Earth connection (sender earth), in Motronic wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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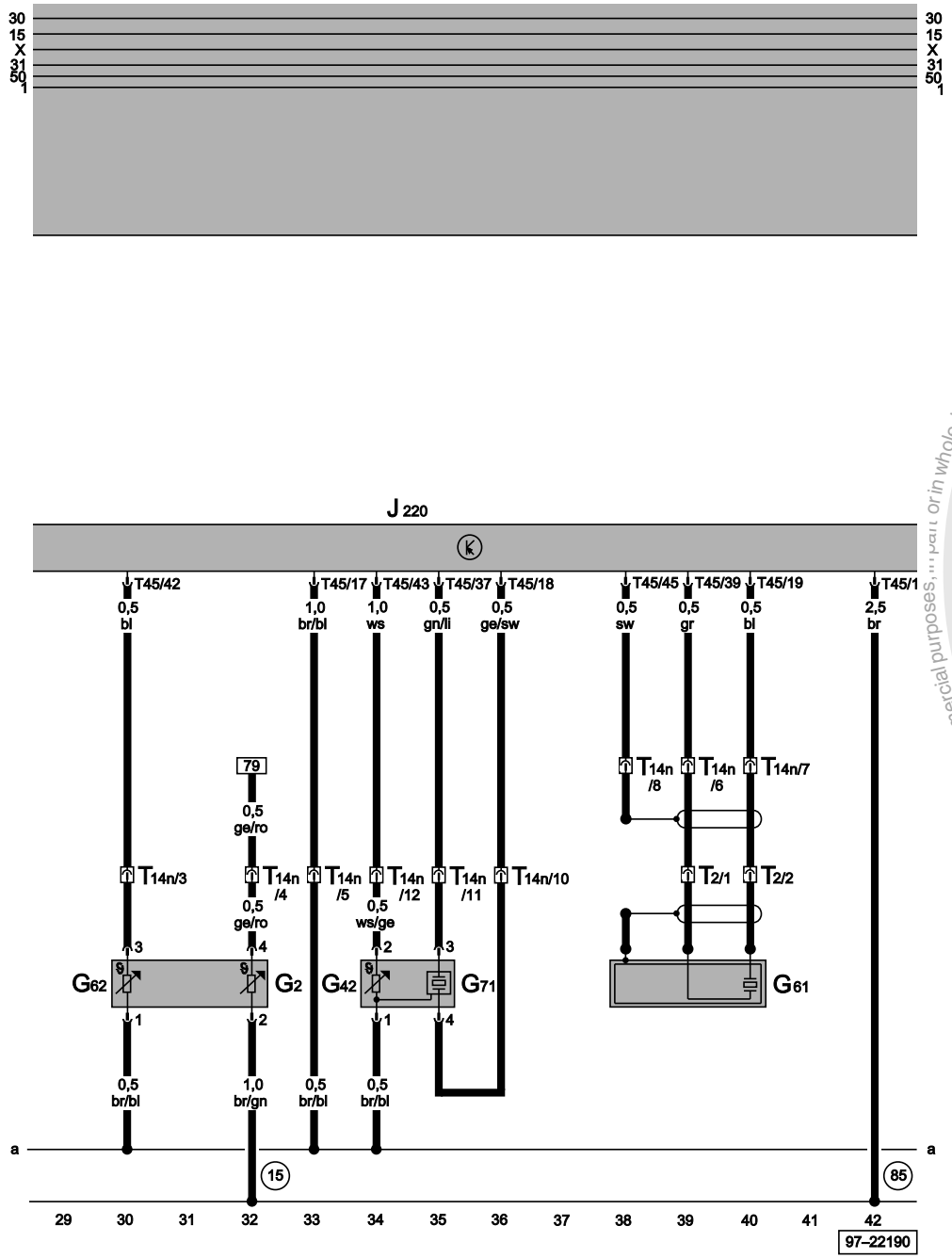

Motronic control unit, coolant temperature sender, intake air temperature sender, intake manifold pressure sender, knock sensor

G2	Coolant temperature sender
G42	Intake air temperature sender
G61	Knock sensor
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J220	Motronic control unit, in plenum chamber, left
T2	2-pin connector
T14n	14-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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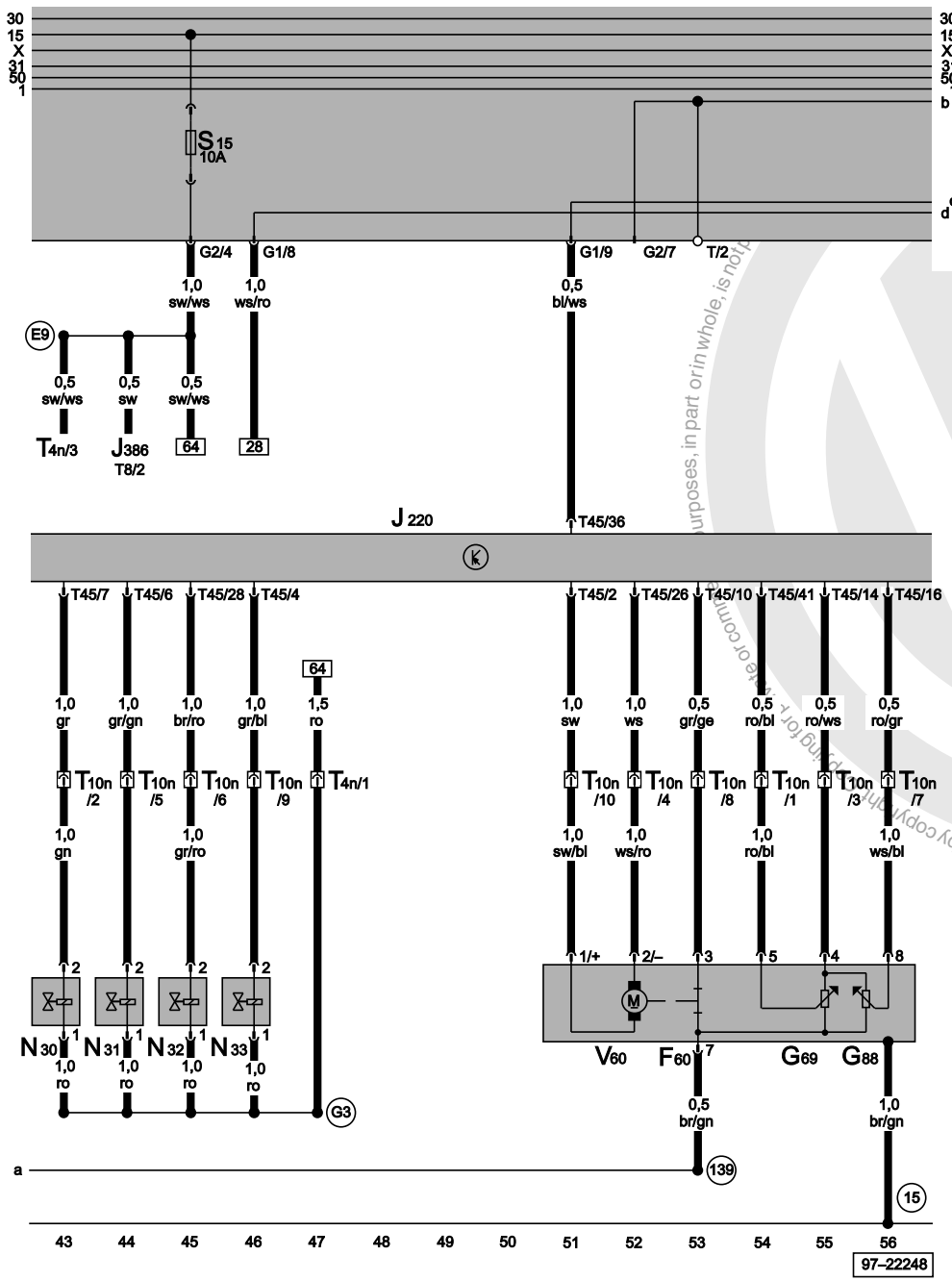

Motronic control unit, injectors, throttle valve positioner, idling switch, throttle valve potentiometer

F60	Idling switch
G69	Throttle valve potentiometer
G88	Throttle valve positioner potentiometer
J220	Motronic control unit, in plenum chamber, left
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T4n	4-pin connector, on engine left
T10n	10-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
V60	Throttle valve positioner
15	Earth point, on cylinder head
139	Earth connection (sender earth), in Motronic wiring harness
E9	Positive (+) connection -2- (15), in Motronic wiring harness
G3	Positive (+) connection in cable sleeve - injectors

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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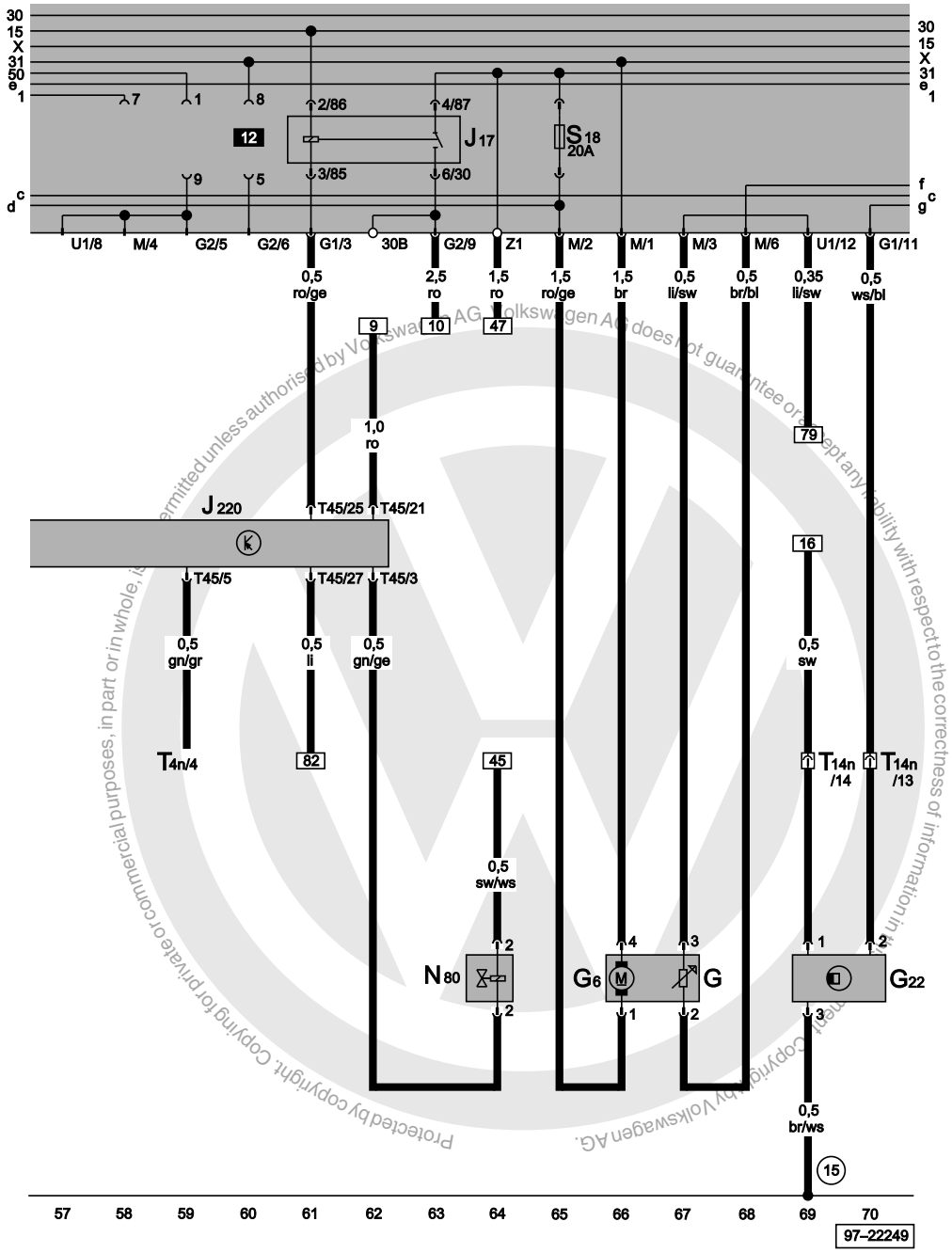

Motronic control unit, activated charcoal filter system solenoid valve, fuel supply system, speedometer sender

G	Fuel gauge sender
G6	Fuel pump
G22	Speedometer sender (hall sender, on gearbox)
J17	Fuel pump relay
J220	Motronic control unit, in plenum chamber, left
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
T4n	4-pin connector, on engine left
T14n	14-pin connector, on engine left
T45	45-pin connector, on Motronic control unit
15	Earth point, on cylinder head

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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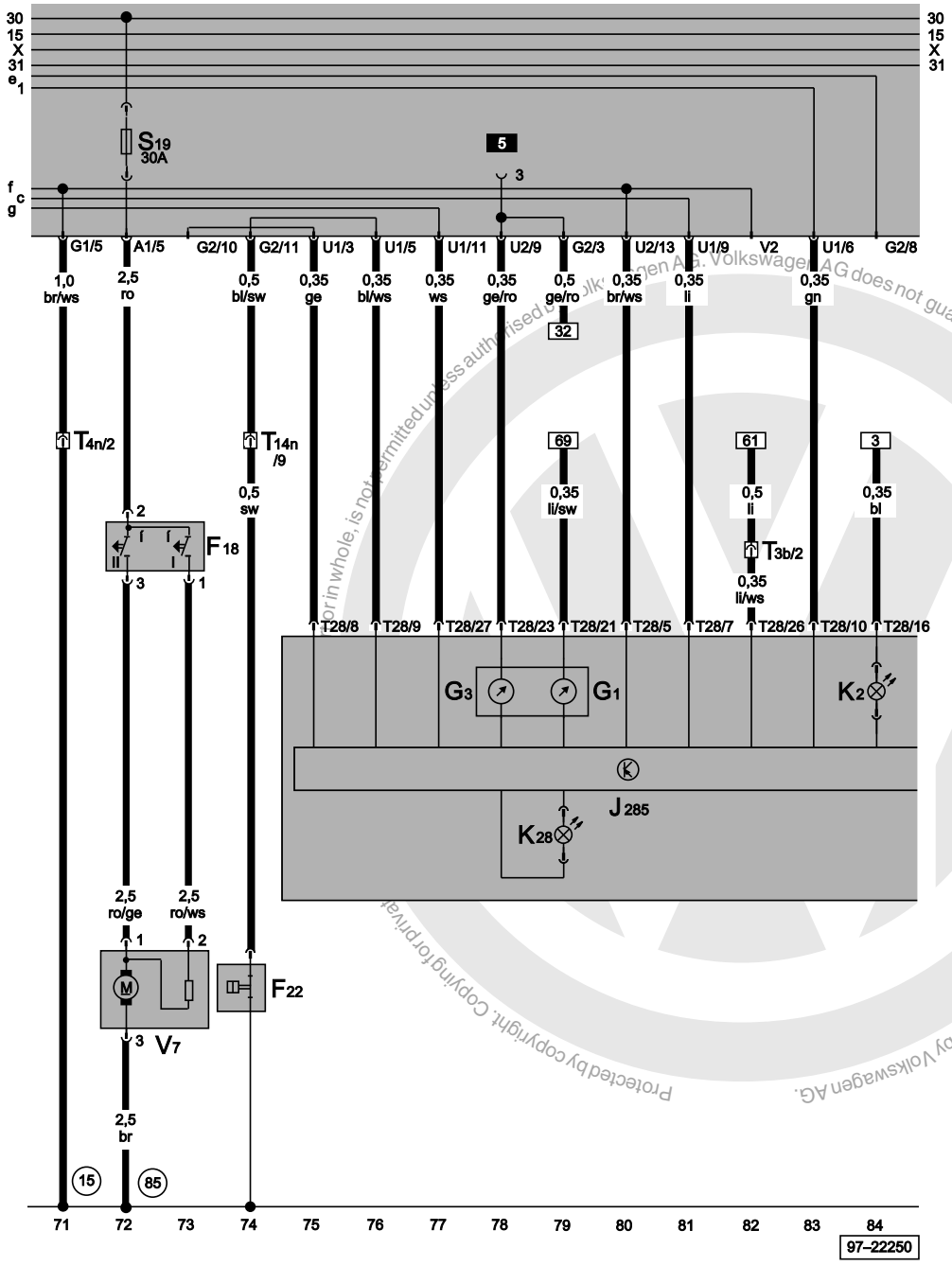

Dash panel insert, fuel gauge, coolant shortage and coolant temperature indicator, radiator fan

F18	Radiator fan thermo-switch
F22	Oil pressure switch *
G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
T3b	3-pin connector, behind dash panel, left
T4n	4-pin connector, on engine left
T14n	14-pin connector, on engine left
T28	28-pin connector, on dash panel insert
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness
*	For switch values, Engine Workshop manual, Caddy 1996►, Polo Classic 1996►, Polo Variant 1997►

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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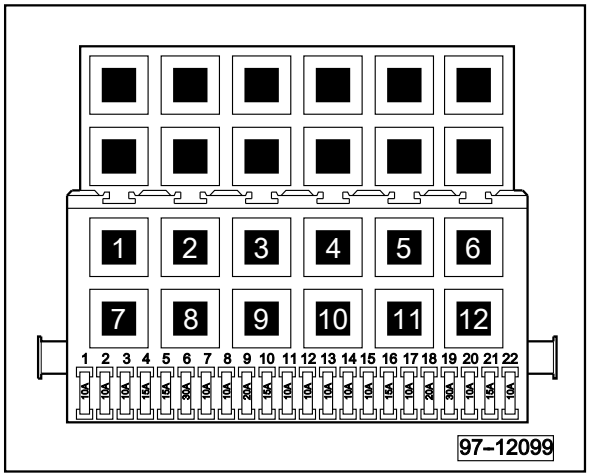
Air conditioner

⇒ **1.4 l/44 kW Motronic, engine codes AEX**

From September 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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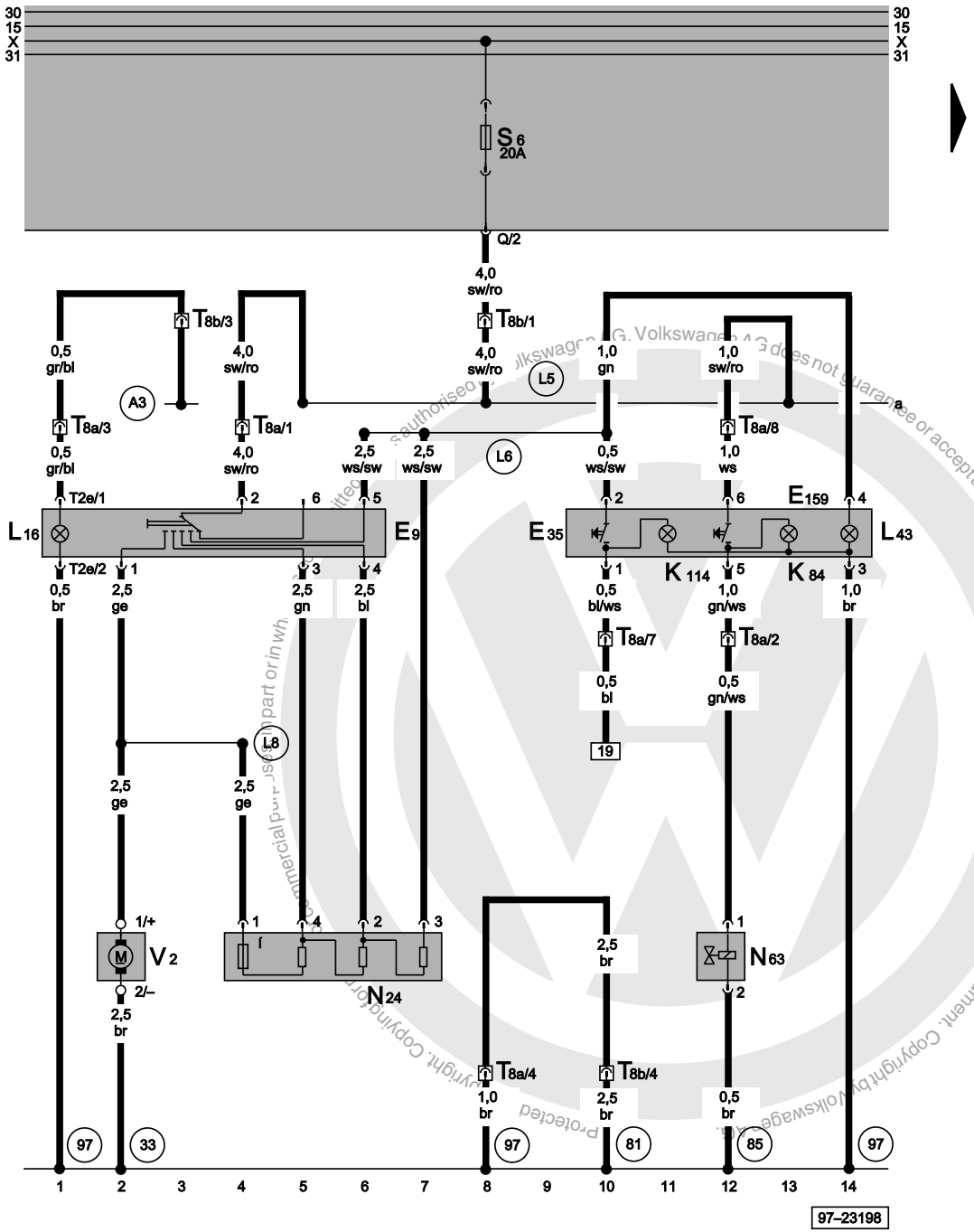
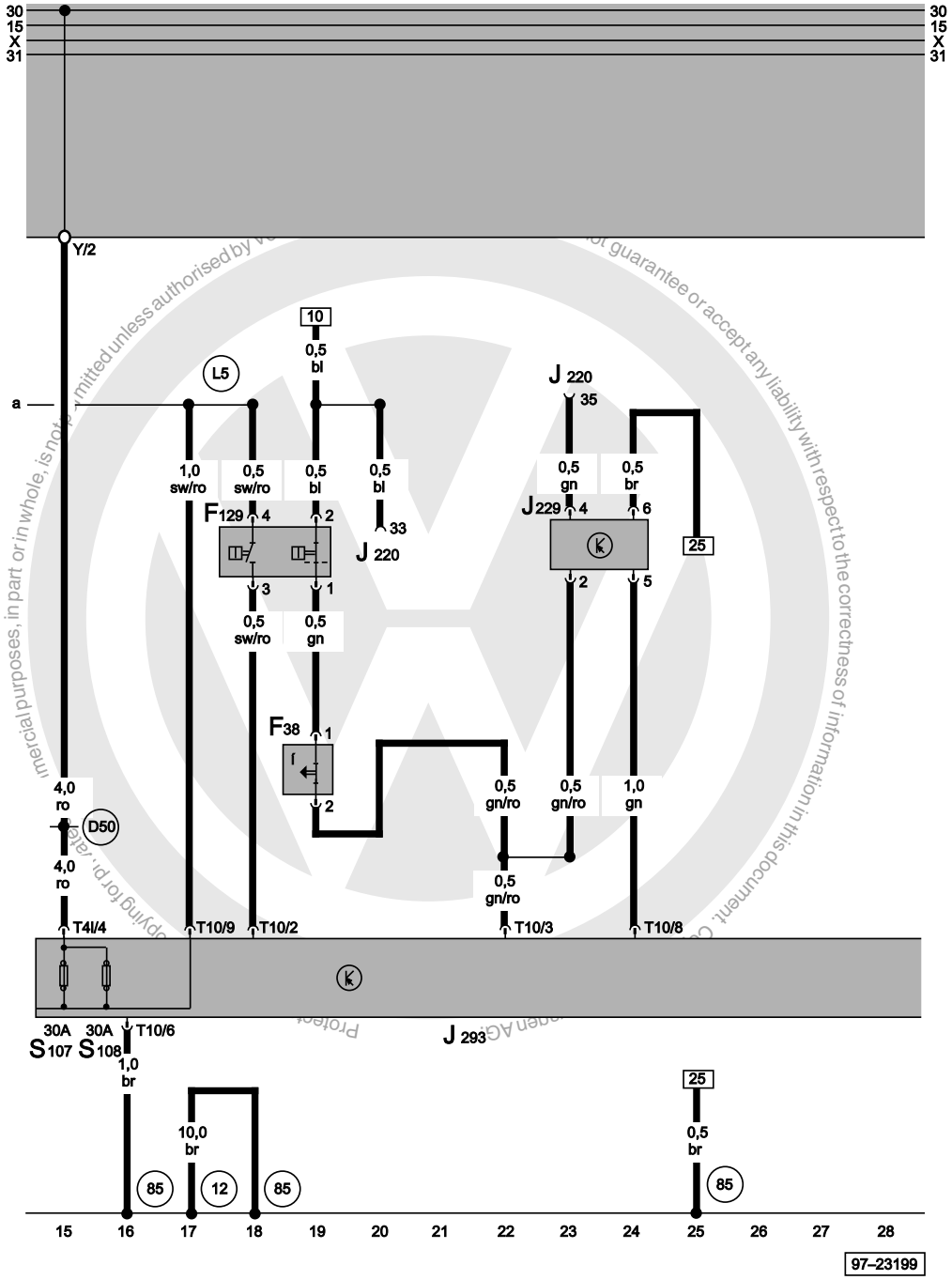


Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

E9	Fresh air blower switch
E35	Air conditioner switch
E159	Fresh air/air recirculating flap switch
K84	Air conditioning system warning lamp
K114	Fresh air/air recirculation warning lamp
L16	Fresh air control light bulb
L43	Air conditioning system switch light bulb
N24	Fresh air blower with overheating fuse series resistor
N63	Fresh and recirculating air flap two-way valve
T2e	2-pin connector
T8a	8-pin connector, behind dash panel
T8b	8-pin connector, behind dash panel
V2	Fresh air blower
33	Earth point, behind dash panel, right
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
97	Earth connection -1-, in air conditioner wiring harness
A3	Positive (+) connection (58), in dash panel wiring harness
L5	Connection -1-, in air conditioner wiring harness
L6	Connection -2-, in air conditioner wiring harness
L8	Connection -4-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica

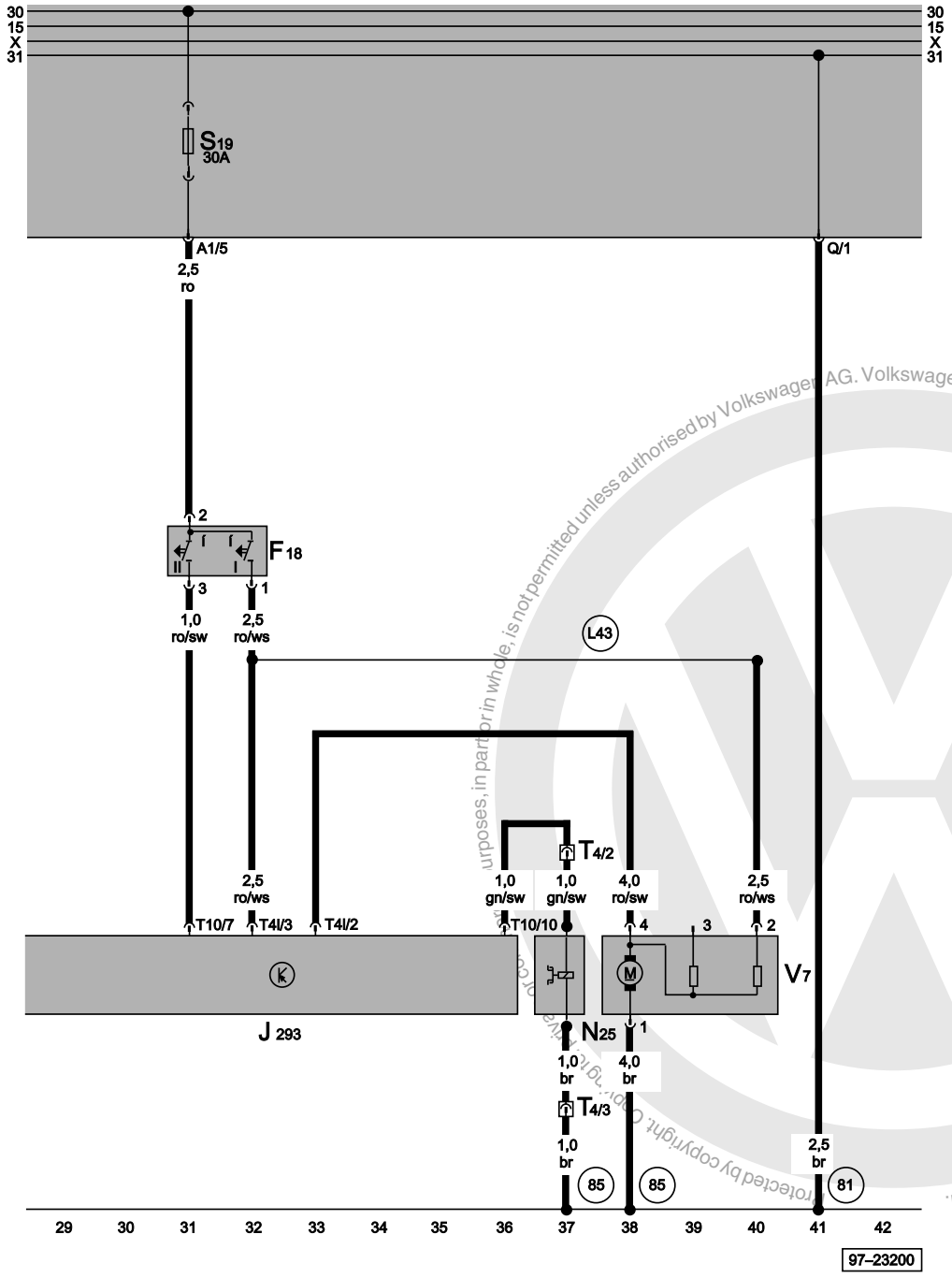


Air conditioner pressure switch, radiator fan thermo–switch, radiator fan control unit, radiator fan switch – off relay for 2nd speed and 3rd speeds – radiator fan

F38	Ambient temperature switch
F129	Air conditioner pressure switch
J220	Motronic control unit
J229	Radiator fan cut-off relay for 1st or 3rd speeds
J293	Radiator fan control unit, in engine compartment, left
S107	Radiator fan fuse, 2nd speed and 3rd speeds
S108	Radiator fan fuse, 1st speed and magnetic coupling
T4l	4-pin connector
T10	10-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
D50	Positive (+) connection (30), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

satelettronica



Radiator fan thermo–switch, radiator fan control unit, air conditioning system magnetic coupling, radiator fan

F18	Radiator fan thermo-switch
J293	Radiator fan control unit, in engine compartment, left
N25	Air conditioner magnetic coupling
T4	4-pin connector, near compressor
T4l	4-pin connector, on radiator fan control unit
T10	10-pin connector, on radiator fan control unit
V7	Radiator fan
81	Earth connection -1-, in dash panel wiring harness
85	Earth connection -1-, in engine compartment wiring harness
L43	Connection (radiator fan), in air conditioner/radiator fan wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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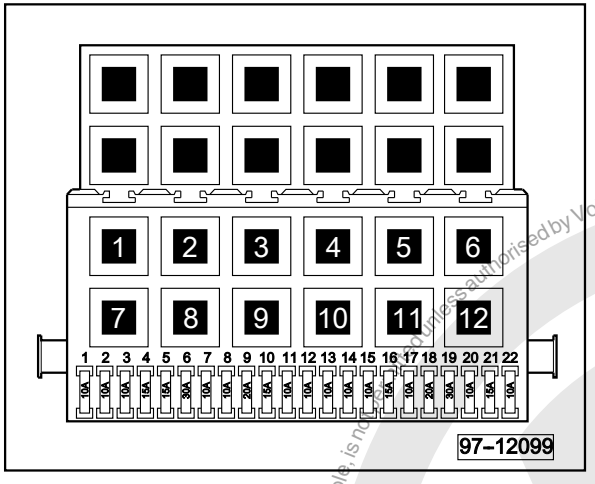
Airbag

From September 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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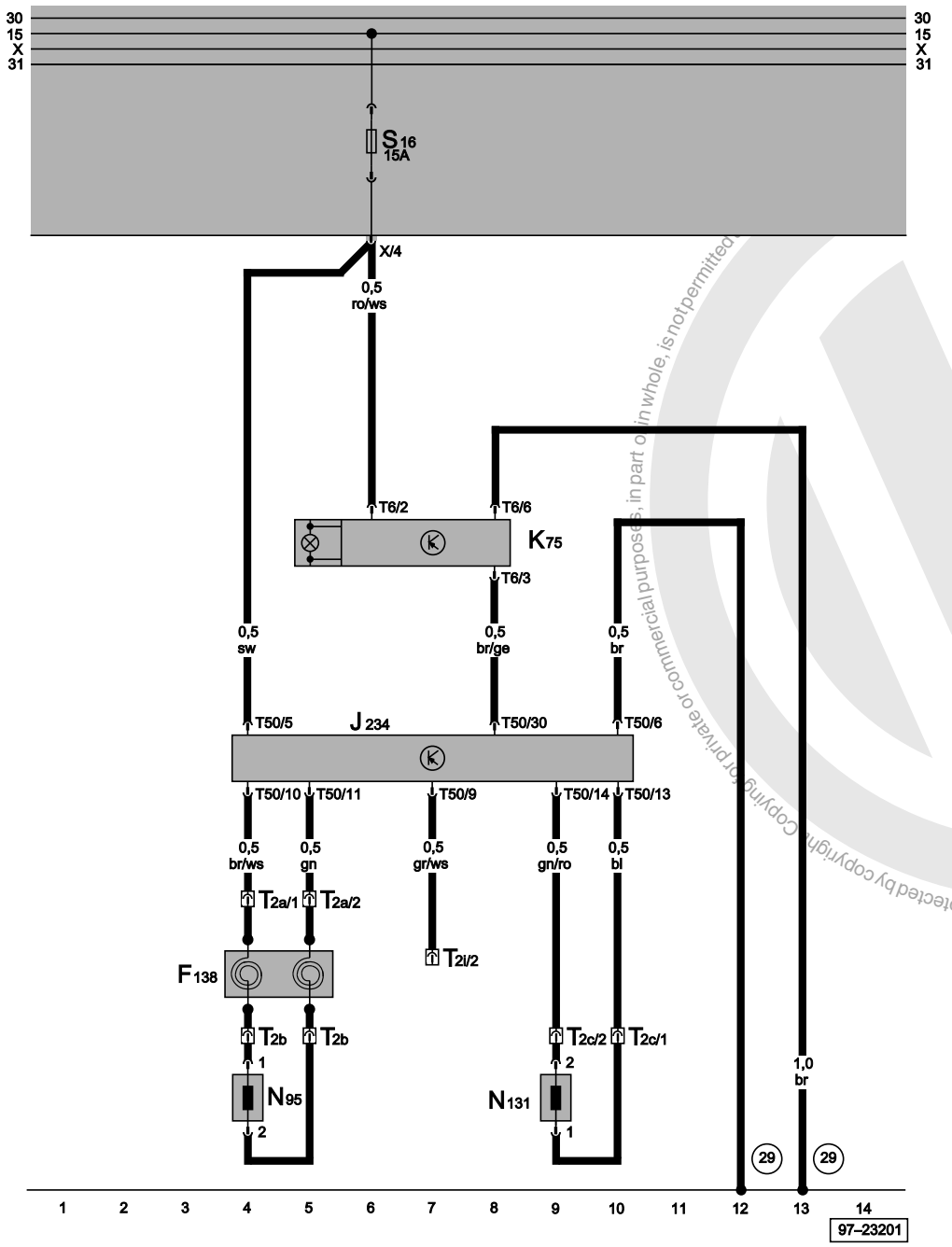

Airbag control unit, airbag warning lamp, airbag igniter, airbag coil connector

F138	Airbag coil connector, return spring with slip ring
J234	Airbag control unit, under console
K75	Airbag warning lamp
N95	Airbag igniter, driver's side
N131	Airbag igniter 1, front passenger's side
T2a	2-pin connector, behind steering column switch trim
T2b	2-pin connector, in steering wheel
T2c	2-pin connector, behind dash panel, right
T2i	2-pin connector
T6	6-pin connector, airbag warning lamp
T50	50-pin connector, on airbag control unit
29	Earth point, near airbag control unit

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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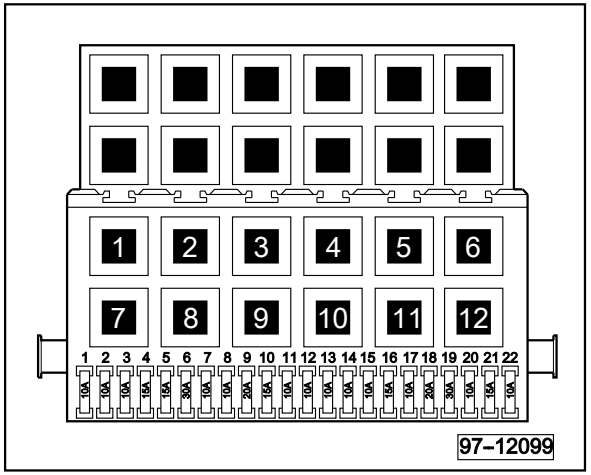
1.9 l/47 kW diesel engine, engine codes AEY

From January 1998

1.7 l/44 kW diesel engine, engine codes AKW

From January 1998

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Terminal 30 voltage supply relay (109)
12 - Glow plug relay (103)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige

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3 A - purple

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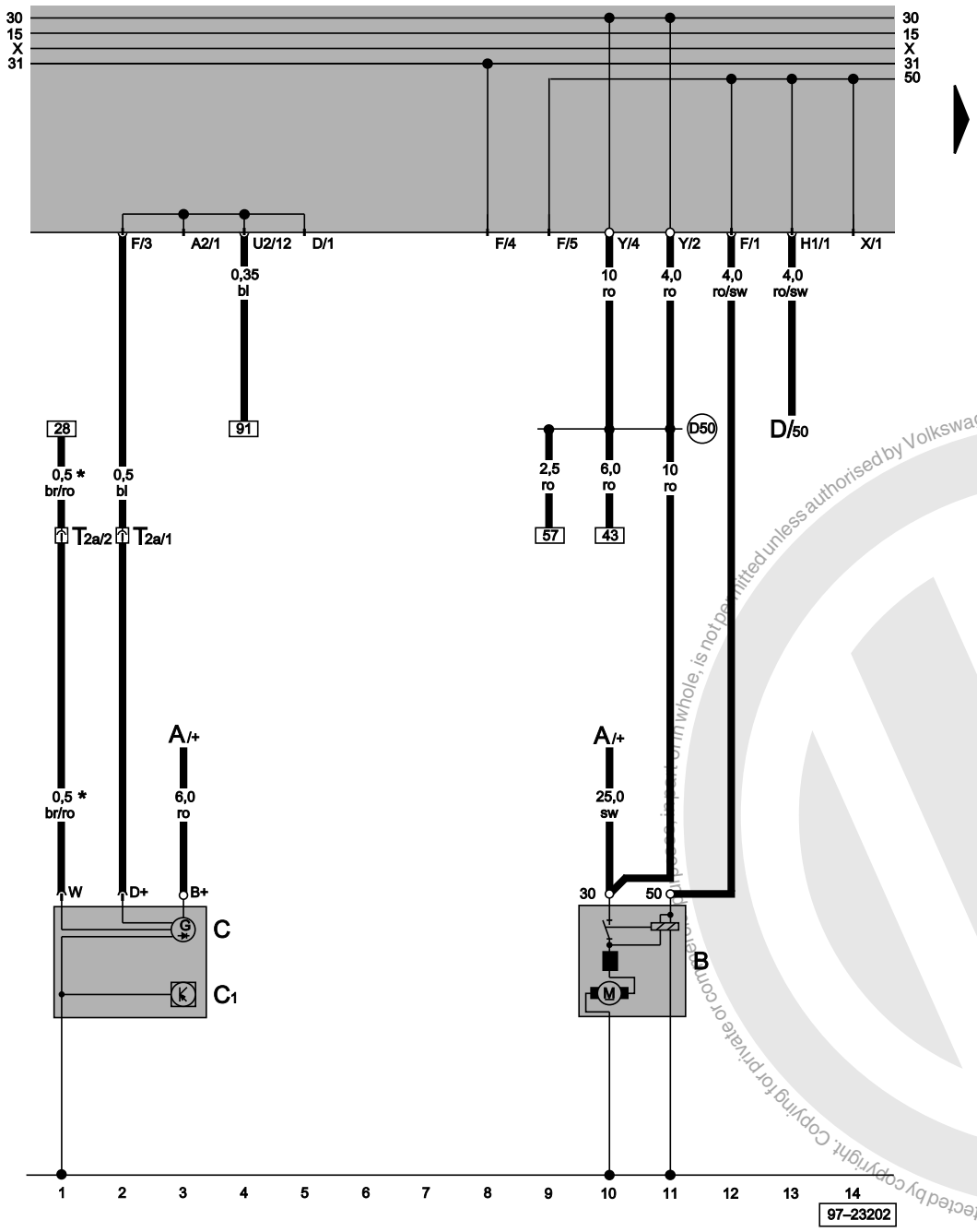

Battery, alternator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2a	2-pin connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness
*	Only models with coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
ge = yellow
or = orange
rs = pink

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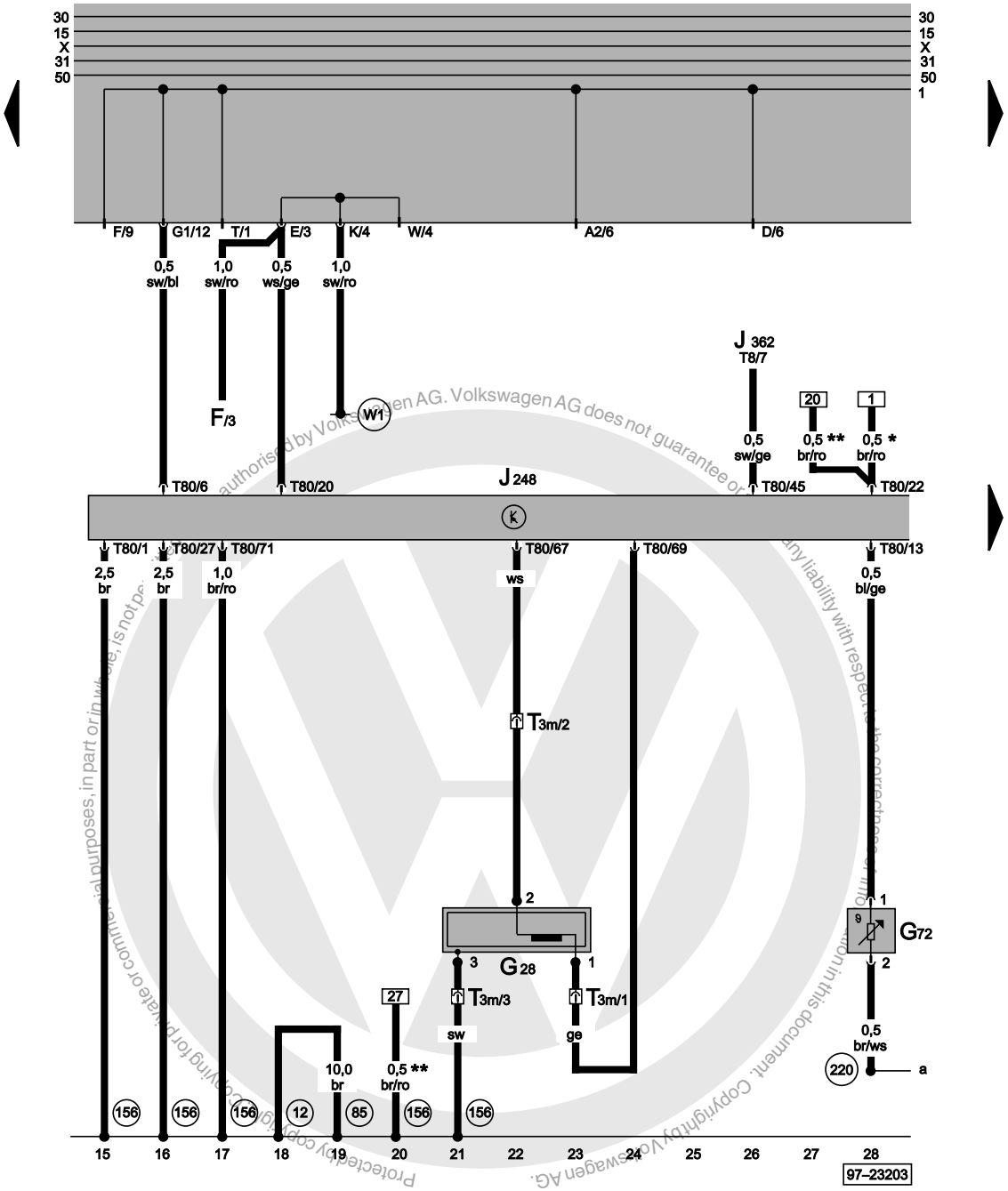

Diesel direct injection system control unit, engine speed sender, intake manifold temperature sender

F	Brake light switch
G28	Engine speed sender
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J362	Immobilizer control unit, behind dash panel, left
T3m	3-pin connector, on cylinder head, left
T8	8-pin connector, on immobilizer control unit
T80	80-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness
W1	Positive (+) connection (54), in rear wiring harness
*	Only models with coolant heater element
**	Only models without coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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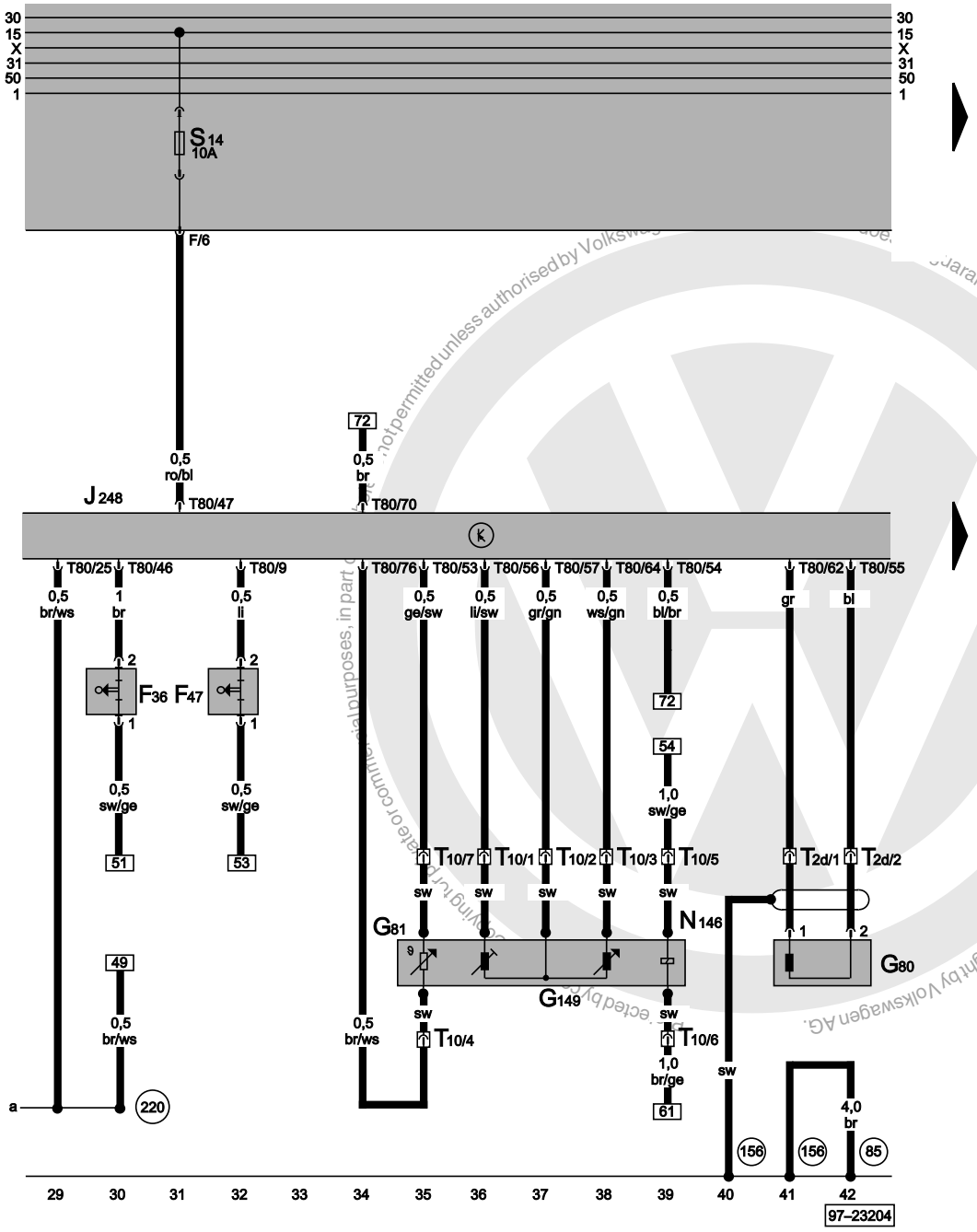

Diesel direct injection system control unit, metering adjuster, needle lift sender, fuel temperature sender, modulating piston movement sender

F36	Clutch pedal switch
F47	Cruise control system brake pedal switch/diesel direct inj. system
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit, in plenum chamber, right
N146	Metering adjuster
T2d	2-pin connector, on cylinder head, left, near injection pump
T10	10-pin connector, on the injection pump
T80	80-pin connector
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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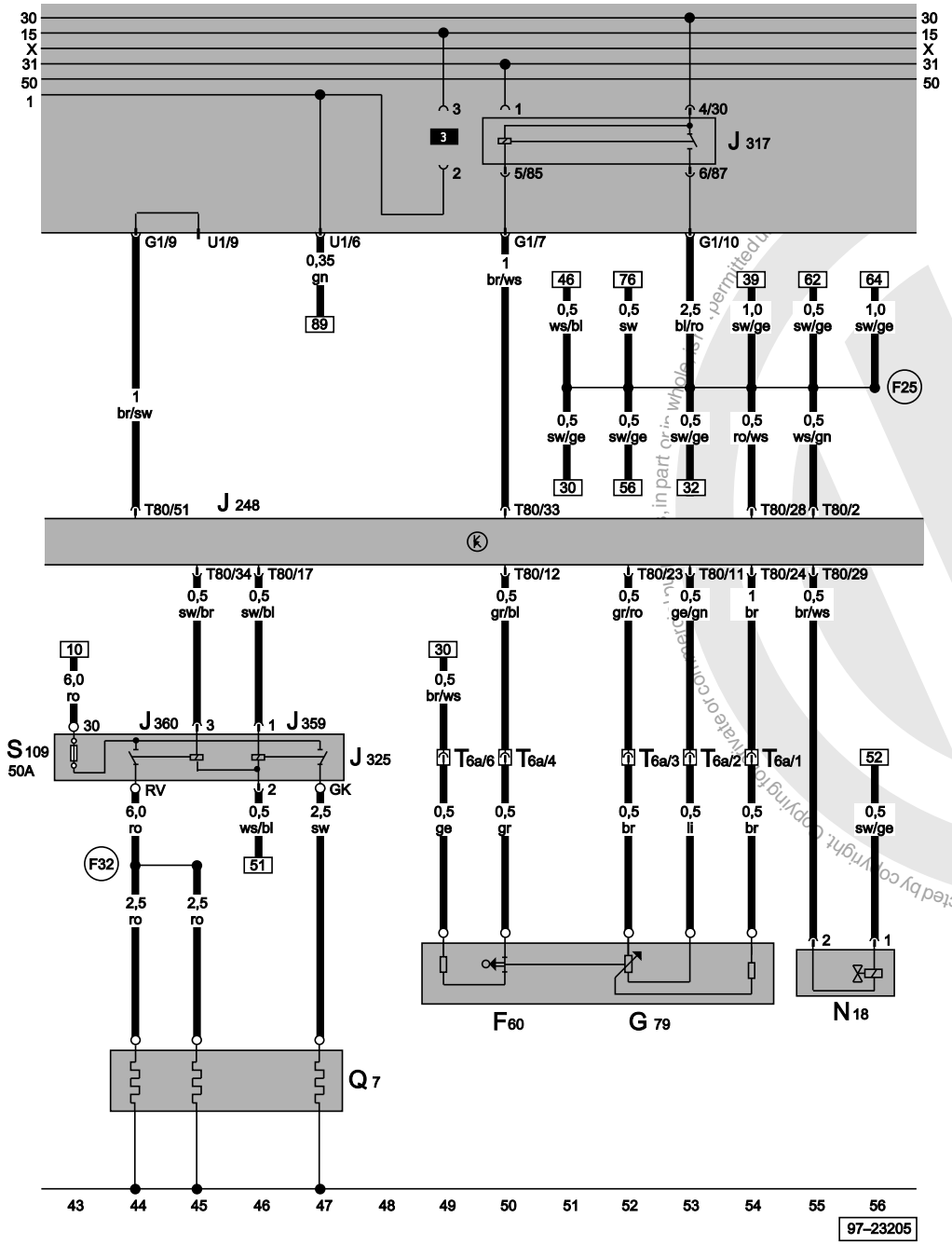

Diesel direct injection system control unit, terminal 30 voltage supply relay, coolant heater element, accelerator pedal position senders, exhaust gas recirculation valve

F60	Idling switch
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J317	Terminal 30 voltage supply relay
J325	Relay for coolant heater elements, on bulkhead left
J359	Low heat output relay
J360	High heat output relay
N18	Exhaust gas recirculation valve
Q7	Coolant heating elements
S109	Strip fuse for glow plugs - Radiator fan
T6a	6-pin connector, behind relay plate
T80	80-pin connector
F25	Connection -1-, in diesel direct injection system wiring harness
F32	Connection (glow plugs - coolant), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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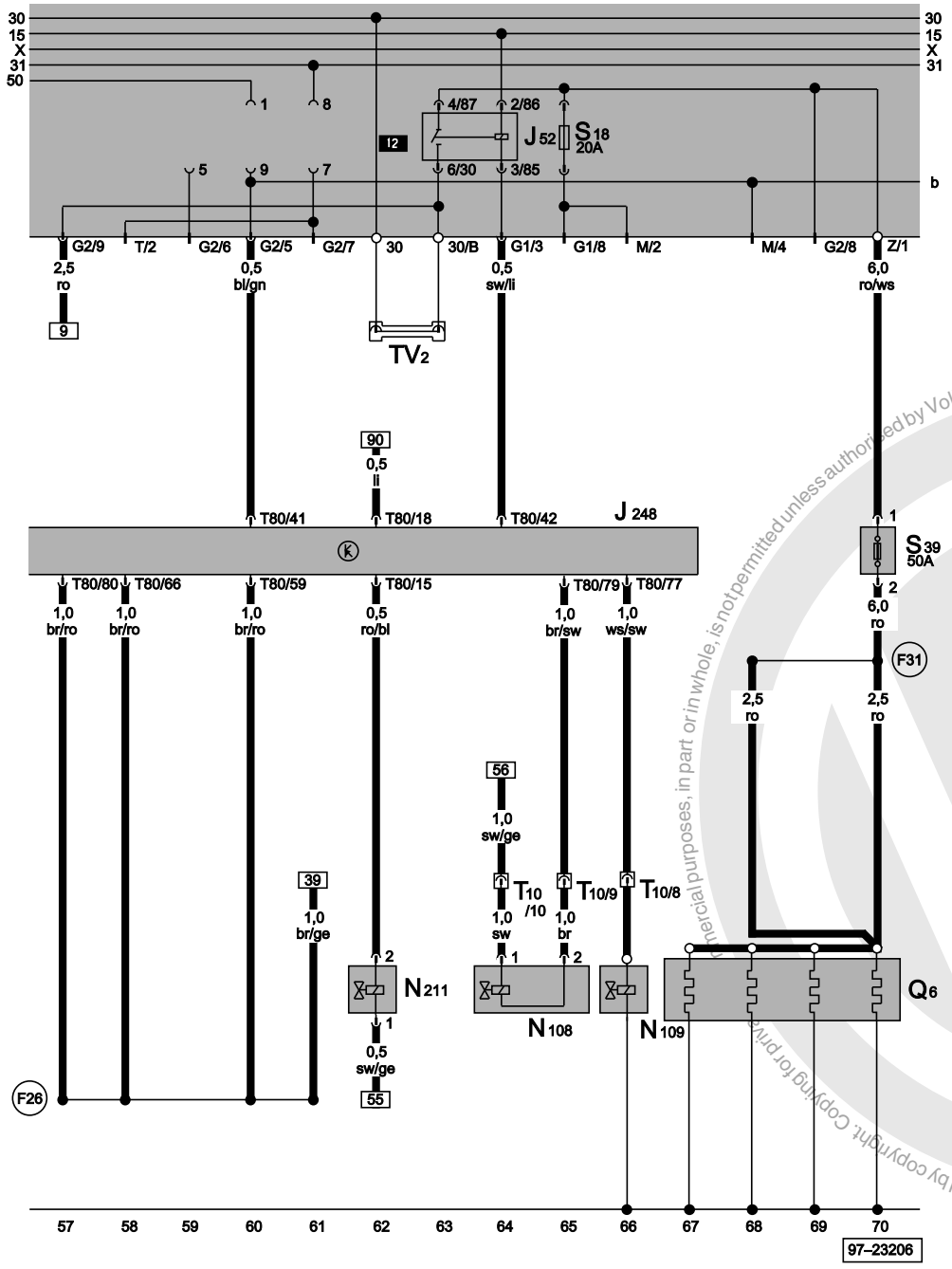

Diesel direct injection system control unit, glow plugs (engine), fuel shut–off valve, commencement of injection valve, charge pressure control solenoid valve

J52	Glow plug relay
J248	Diesel direct injection system control unit, in plenum chamber, right
N108	Commencement of injection valve
N109	Fuel shut-off valve
N211	Throttle butterfly valve
Q6	Glow plugs - engine
S39	Strip fuse for glow plugs (engine), on bulkhead, left
T10	10-pin connector, near injection pump
T80	80-pin connector
TV2	Terminal 30 junction box
F26	Connection -2-, in diesel direct injection system wiring harness
F31	Connection (glow plugs - engine), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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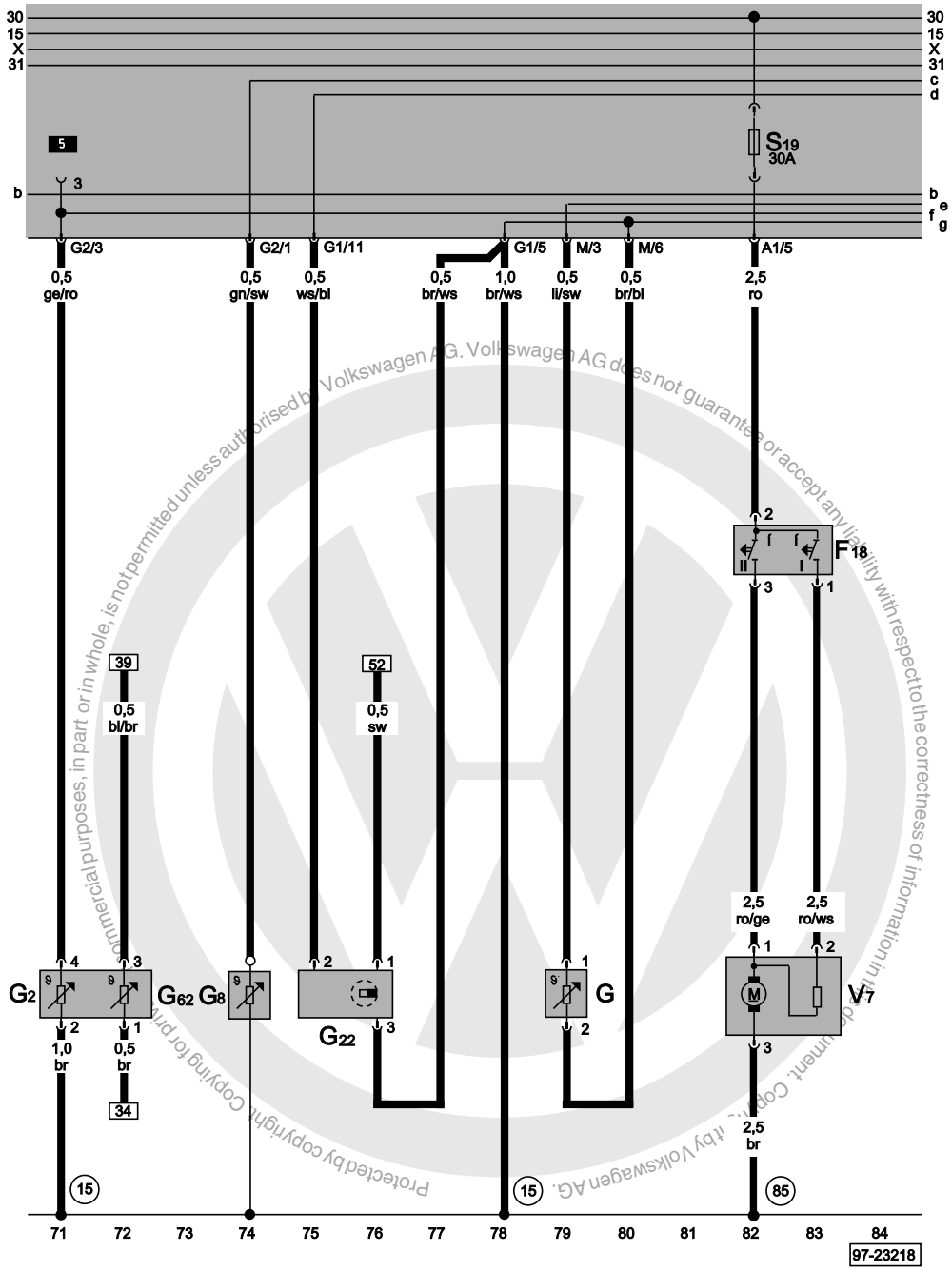

Multi–function display, speedometer sender, coolant temperature gauge

F18	Radiator fan thermo-switch
G	Fuel gauge sender
G2	Coolant temperature gauge sender
G8	Oil temperature sender
G22	Speedometer sender (hall sender, on gearbox)
G62	Coolant temperature sender
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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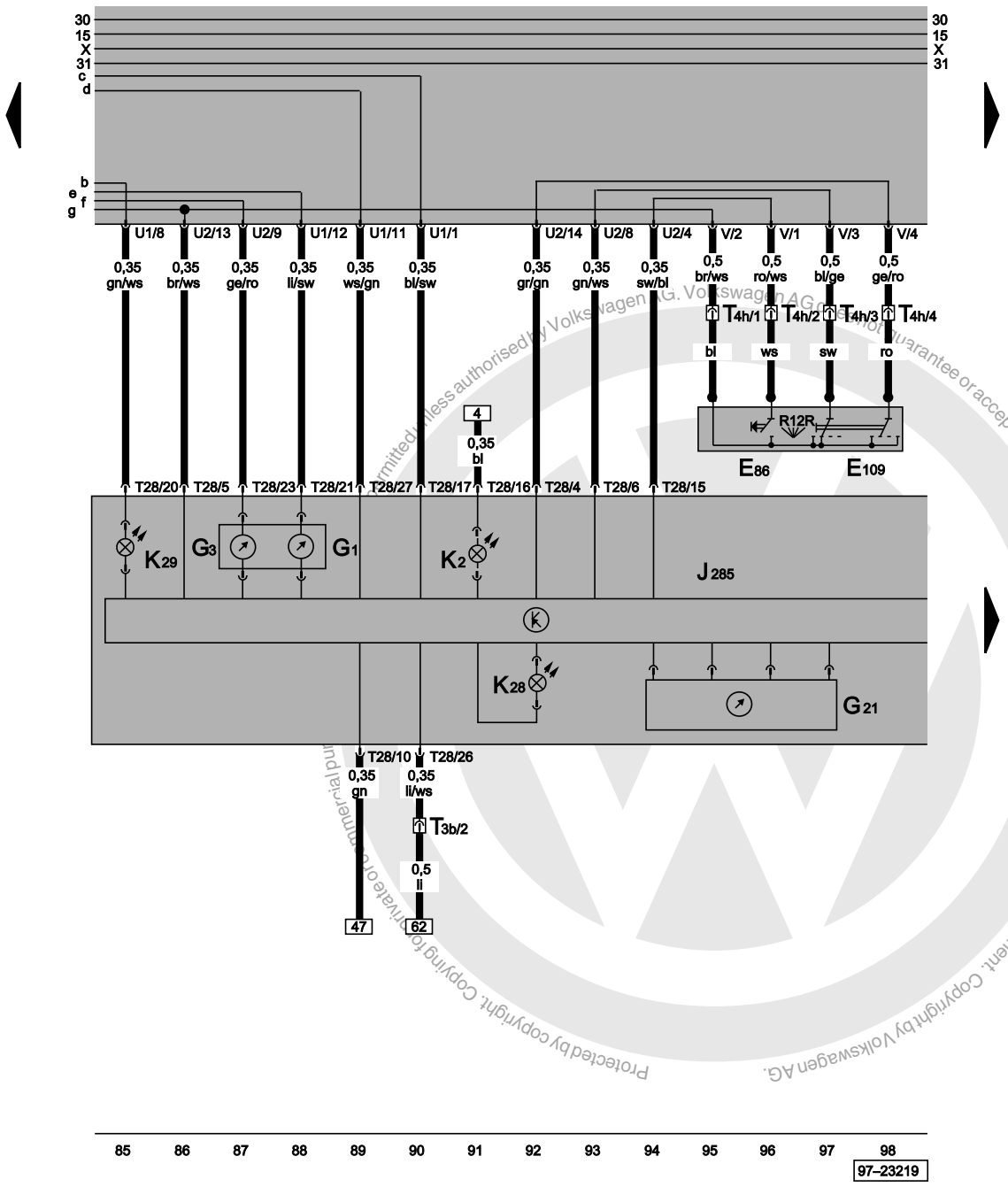

Dash panel insert, coolant shortage and coolant temperature indicator, fuel gauge, speedometer, multi–function display switch

E86	Multi-function display call-up button
E109	Multi-function display, memory switch
G1	Fuel gauge
G3	Coolant temperature gauge
G21	Speedometer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K29	Glow period warning lamp
T3b	3-pin connector, behind dash panel, left
T4h	4-pin connector, behind steering column switch trim
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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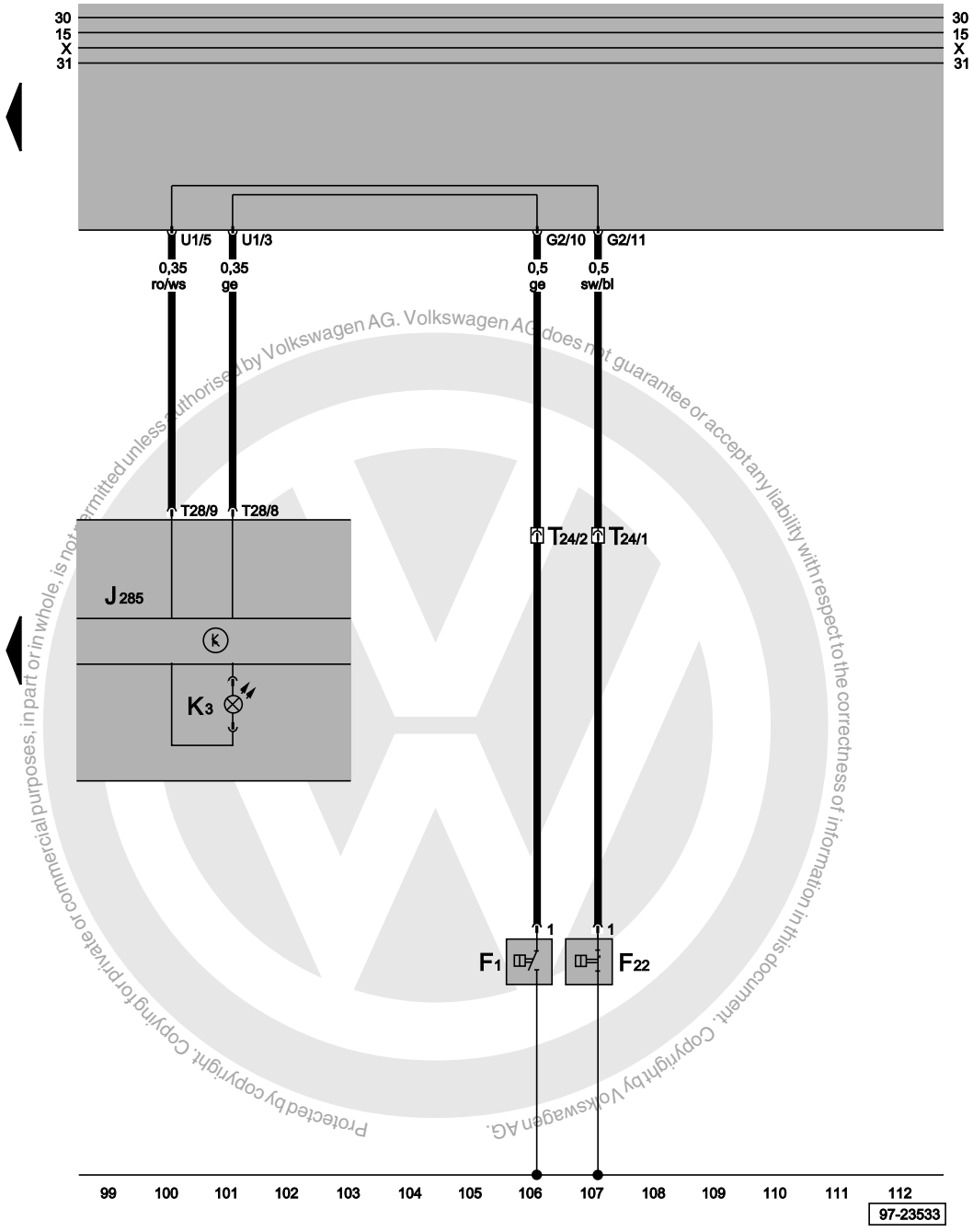

Dash panel insert, optical and acoustical oil pressure warning

F1	Oil pressure switch
F22	Oil pressure switch (0.3 bar)
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
T24	24-pin connector, on engine left
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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1.9 l/66 kW turbo-diesel engine, engine codes ALE

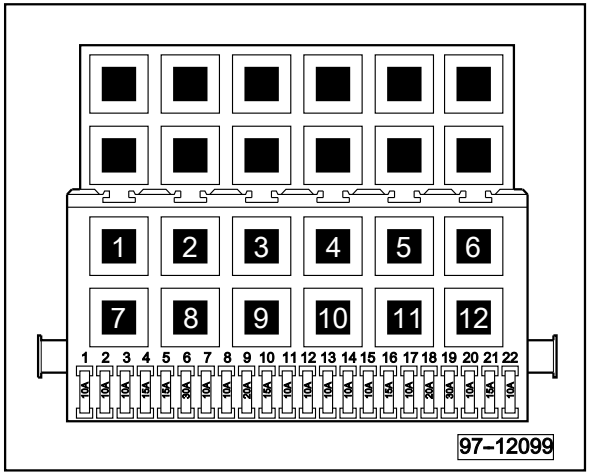
From December 1997

1.9 l/81 kW turbo-diesel engine, engine codes AFN, AVG

From September 1998

1.9 l/81 kW turbo–diesel engine, engine codes AVG, From September 1998

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



3 - Terminal 30 voltage supply relay (109)
12 - Glow plug relay (103)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red

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7.5 A - brown
5 A - beige
3 A - purple

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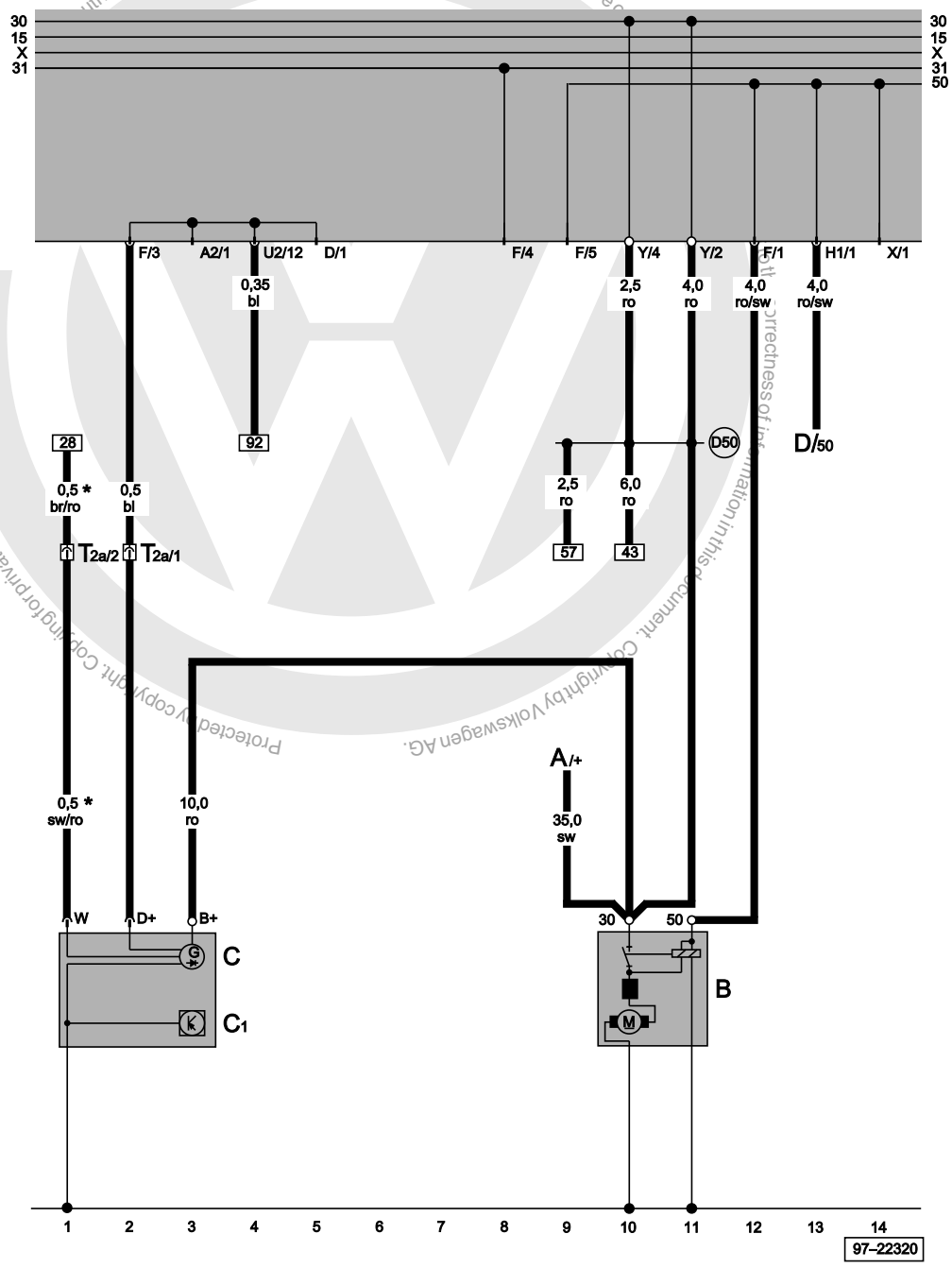

Battery, starter, alternator, ignition/starter switch

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
T2a	2-pin connector, near starter
D50	Positive (+) connection (30), in engine compartment wiring harness
*	Only models with coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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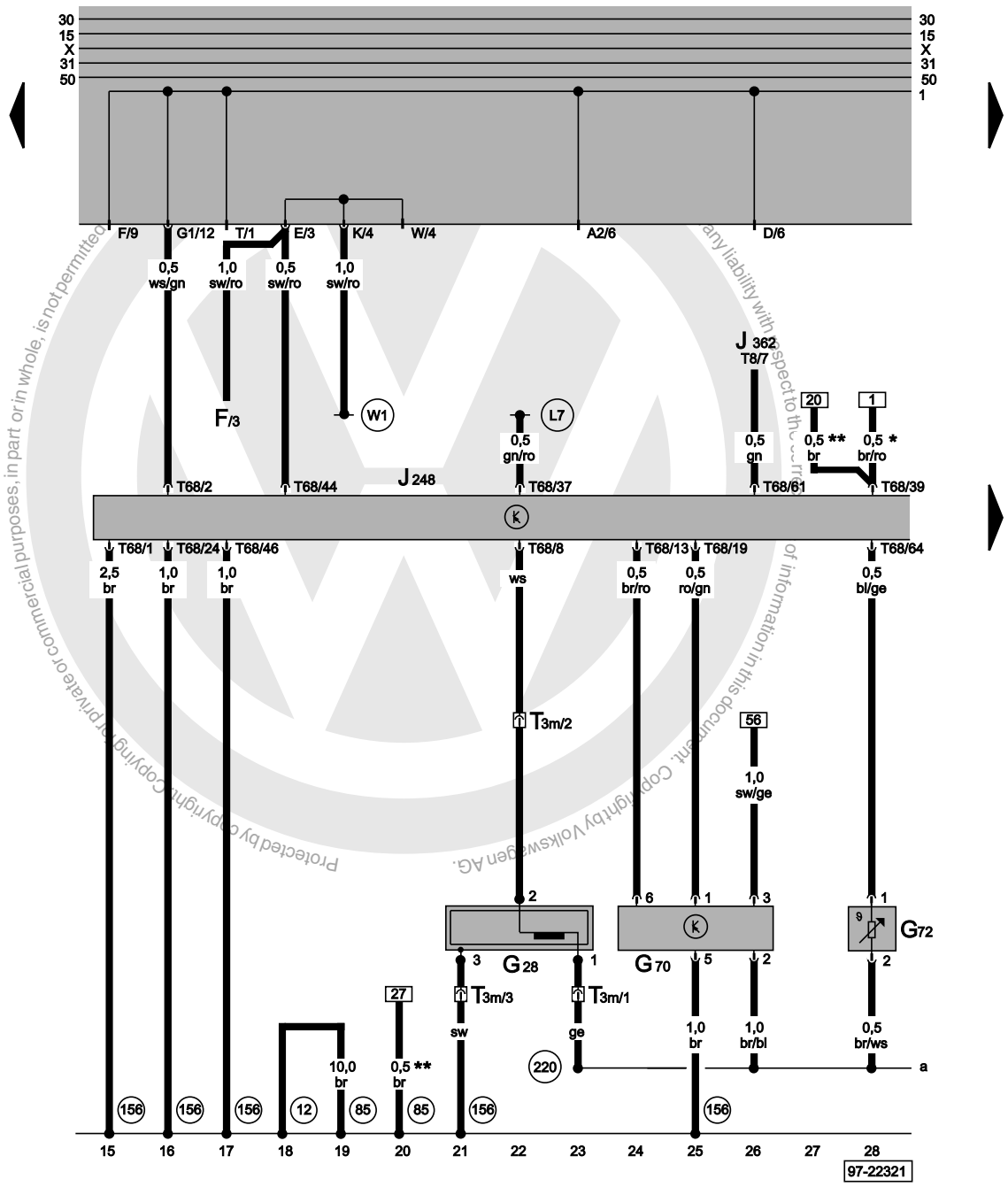

Diesel direct injection system control unit, engine speed sender, air mass meter, intake manifold temperature sender

F	Brake light switch
G28	Engine speed sender
G70	Air mass meter
G72	Intake manifold temperature sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J362	Immobilizer control unit, behind dash panel, left
T3m	3-pin connector, on cylinder head, left
T8	8-pin connector, on immobilizer control unit
T68	68-pin connector
12	Earth point, in engine compartment, left
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness
L7	Connection -3-, in air conditioner wiring harness
W1	Positive (+) connection (54), in rear wiring harness
*	Only models with coolant heater element
**	Only models without coolant heater element

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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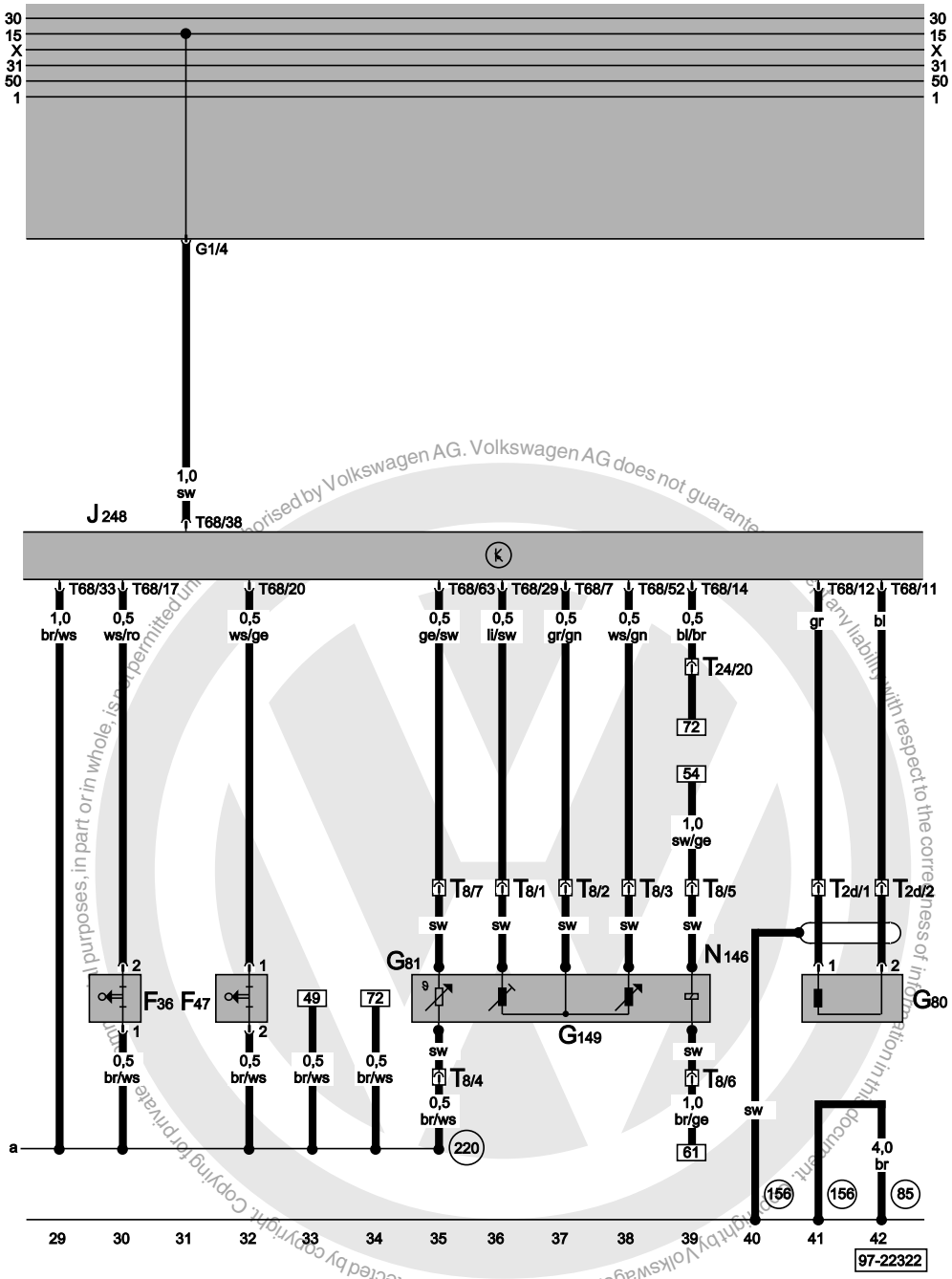

Diesel direct injection system control unit, metering adjuster, needle lift sender, fuel temperature sender, modulating piston movement sender

F36	Clutch pedal switch
F47	Cruise control system brake pedal switch/diesel direct inj. system
G80	Needle lift sender
G81	Fuel temperature sender
G149	Modulating piston movement sender
J248	Diesel direct injection system control unit, in plenum chamber, right
N146	Metering adjuster
T2d	2-pin connector, on cylinder head, left, near injection pump
T8	8-pin connector, on injection pump
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
85	Earth connection -1-, in engine compartment wiring harness
156	Earth connection, in diesel direct injection wiring harness
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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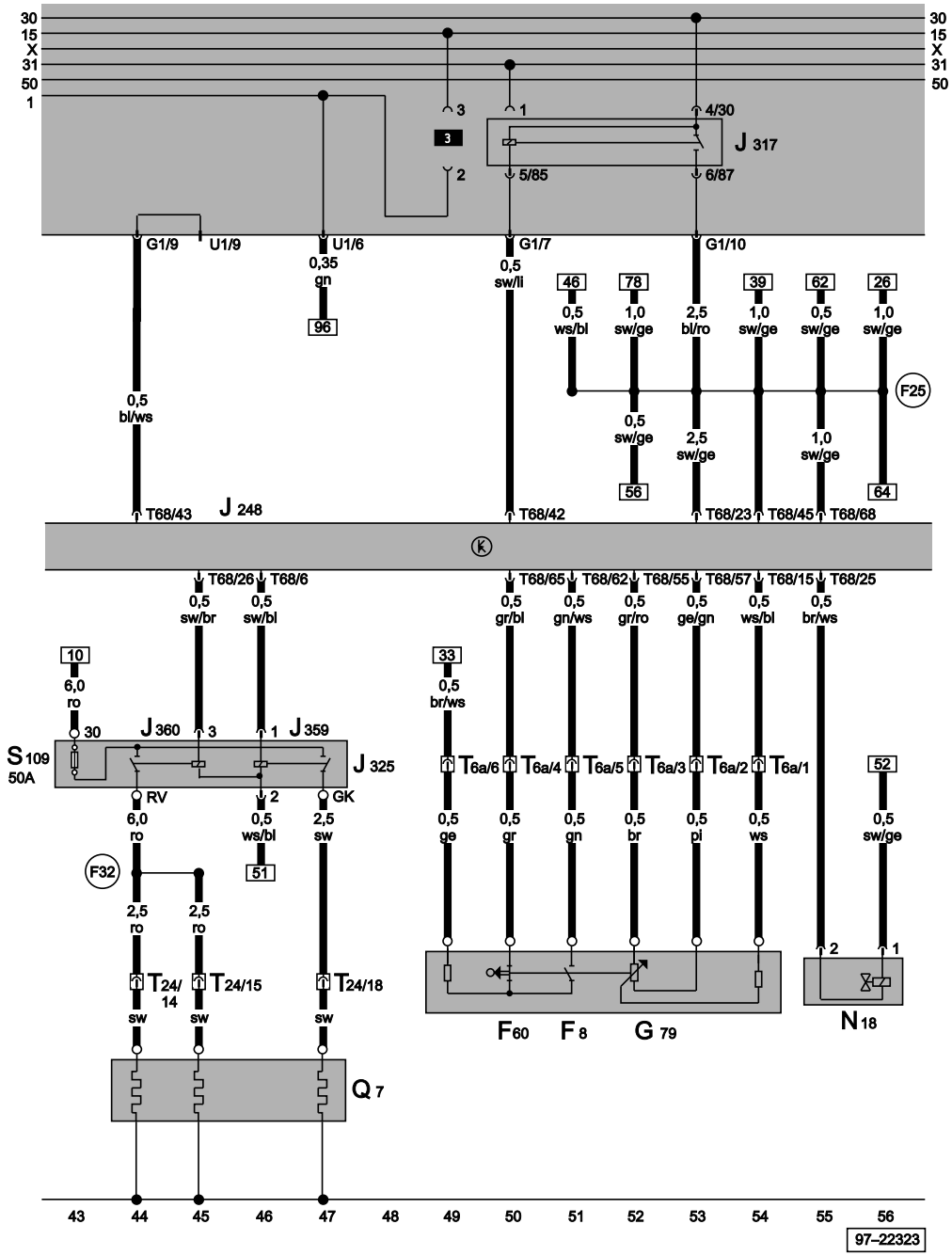

Diesel direct injection system control unit, terminal 30 voltage supply relay, coolant heater element, accelerator pedal position senders, exhaust gas recirculation valve

F8	Kick-down switch, only with automatic gearbox
F60	Idling switch
G79	Accelerator pedal position sender
J248	Diesel direct injection system control unit, in plenum chamber, right
J317	Terminal 30 voltage supply relay
J325	Relay for coolant heater elements, on bulkhead left
J359	Low heat output relay
J360	High heat output relay
N18	Exhaust gas recirculation valve
Q7	Coolant heating elements
S109	Strip fuse for coolant heating elements
T6a	6-pin connector, behind relay plate
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
F25	Connection -1-, in diesel direct injection system wiring harness
F32	Connection (glow plugs - coolant), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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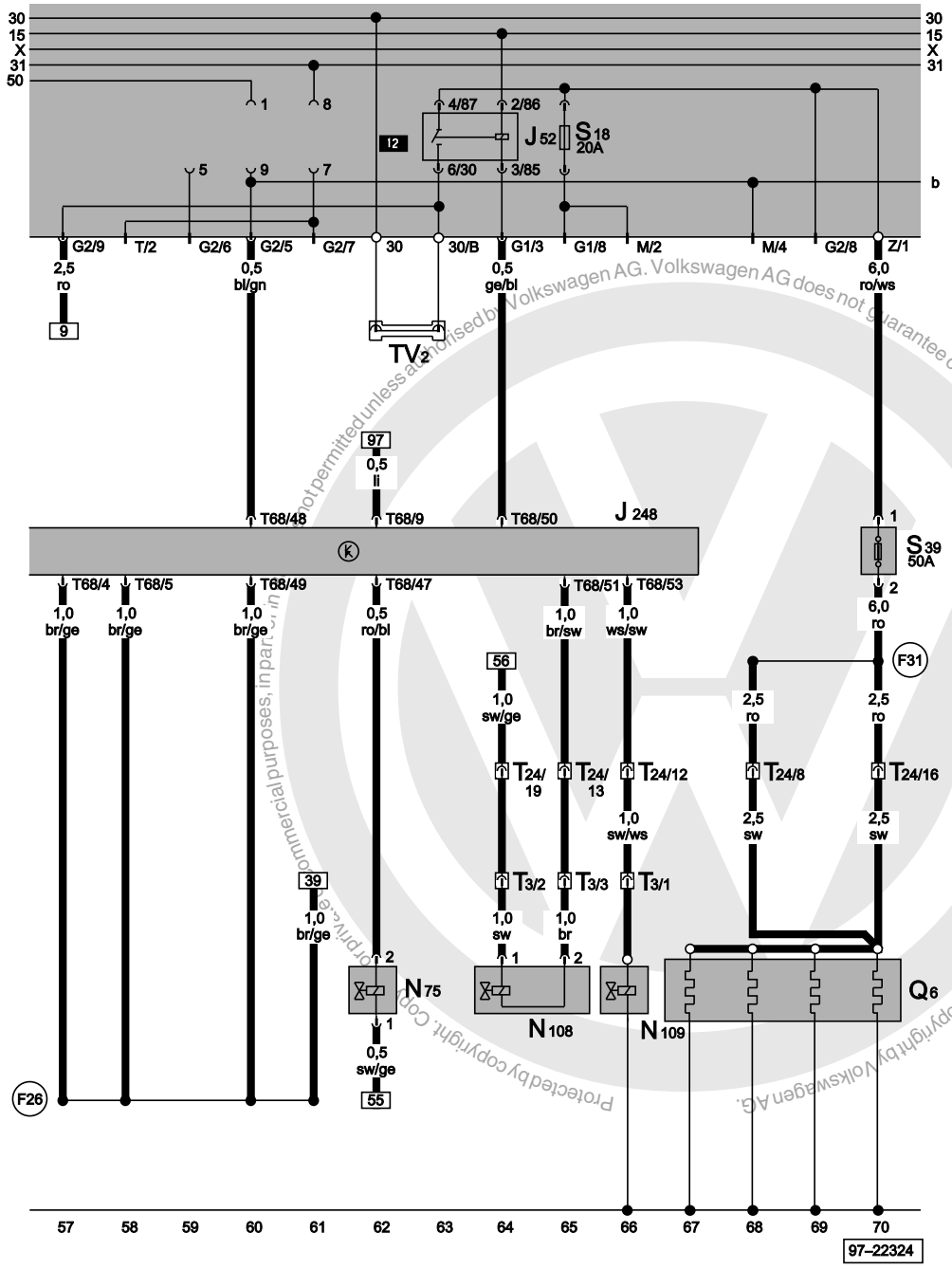

Diesel direct injection system control unit, glow plugs (engine), fuel shut–off valve, commencement of injection valve, charge pressure control solenoid valve

J52	Glow plug relay
J248	Diesel direct injection system control unit, in plenum chamber, right
N75	Charge pressure control solenoid valve
N108	Commencement of injection valve
N109	Fuel shut-off valve
Q6	Glow plugs - engine
S39	Strip fuse for glow plugs (engine), on bulkhead, left
T3	3-pin connector, near injection pump
T24	24-pin connector, on cylinder head, left
T68	68-pin connector
TV2	Terminal 30 junction box
F26	Connection -2-, in diesel direct injection system wiring harness
F31	Connection (glow plugs - engine), in diesel direct injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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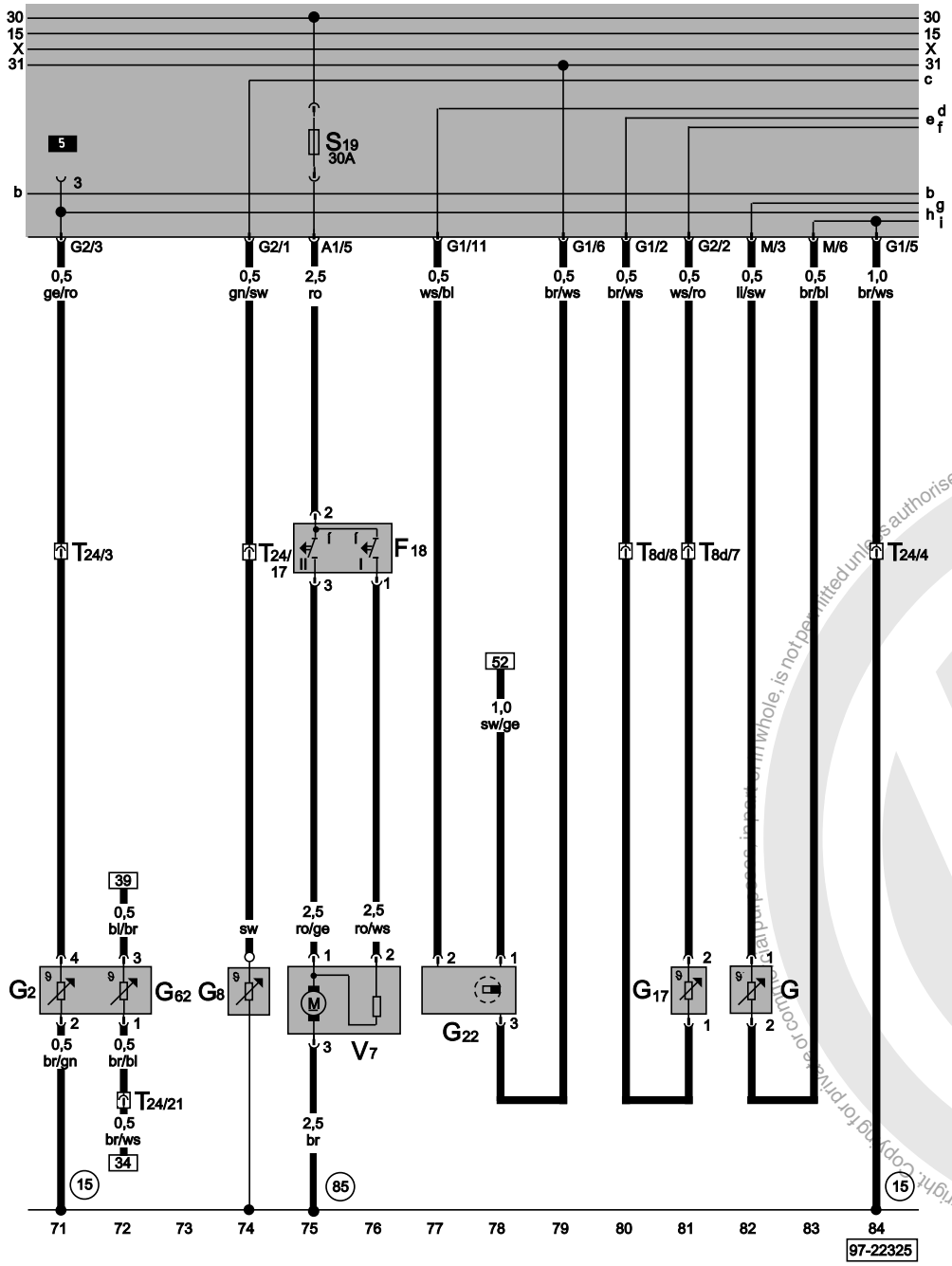

Multi–function display, speedometer sender, coolant temperature gauge, radiator fan

F18	Radiator fan thermo-switch
G	Fuel gauge sender
G2	Coolant temperature gauge sender
G8	Oil temperature sender
G17	Ambient temperature sensor
G22	Speedometer sender (Hall sender, on gearbox)
G62	Coolant temperature sender
T8d	8-pin connector, near headlight, right
T24	24-pin connector, on cylinder head, left
V7	Radiator fan
15	Earth point, on cylinder head
85	Earth connection -1-, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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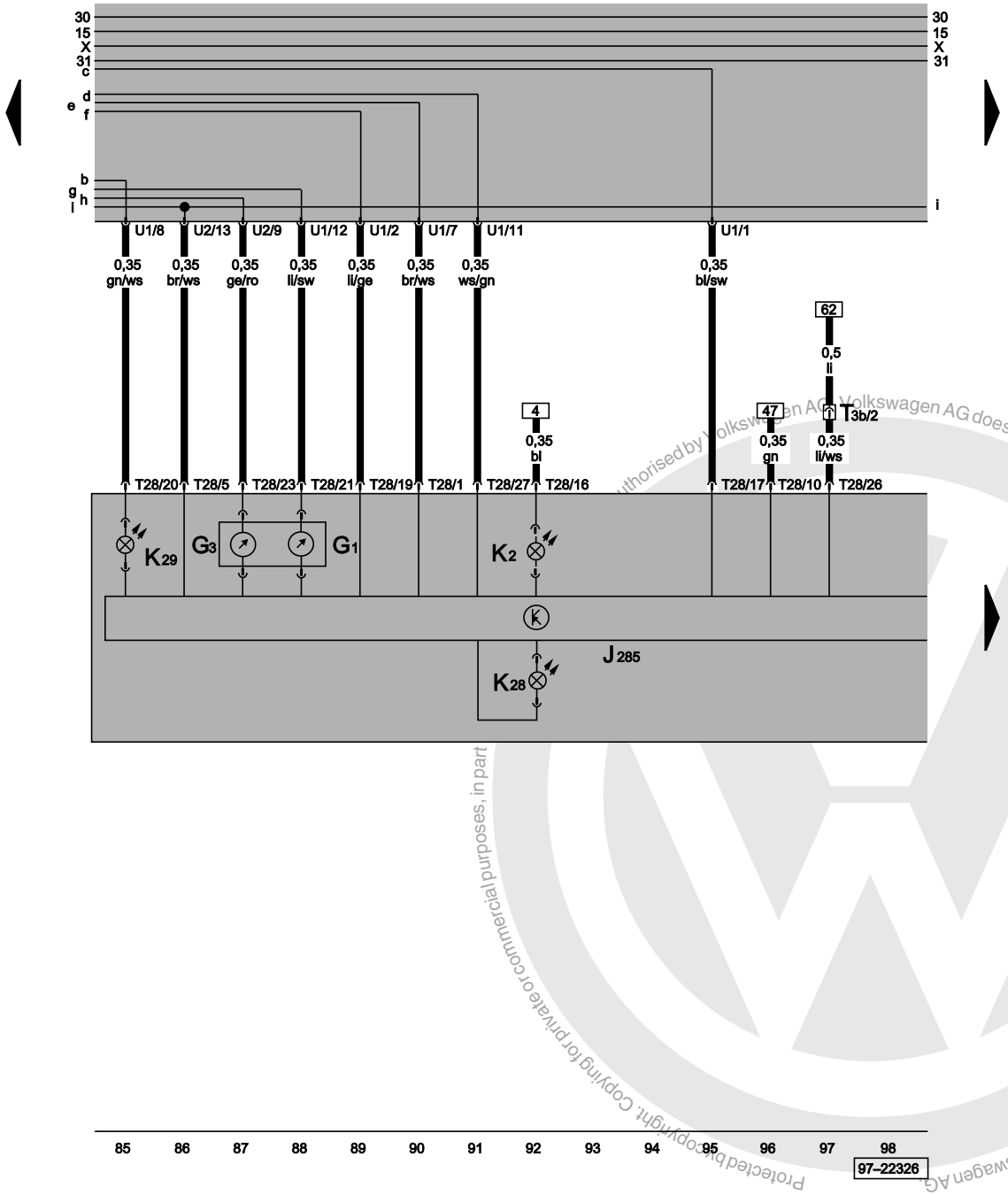

Dash panel insert, coolant shortage and coolant temperature indicator, fuel gauge

G1	Fuel gauge
G3	Coolant temperature gauge
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K29	Glow period warning lamp
T3b	3-pin connector, behind dash panel, left
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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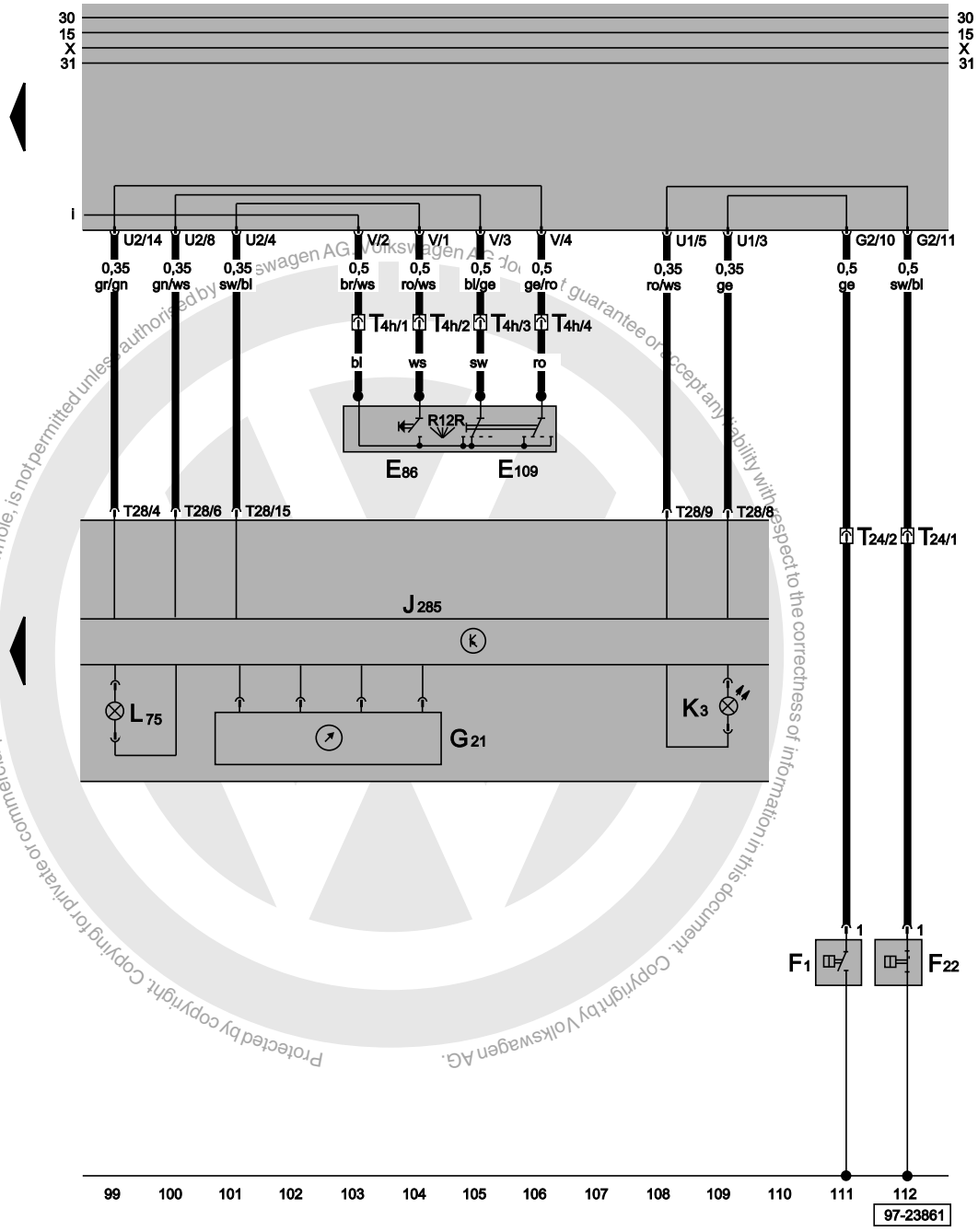

Dash panel insert, speedometer, multi–function display, optical and acoustical oil pressure warning

E86	Multi-function display call-up button
E109	Multi-function display, memory switch
F1	Oil pressure switch
F22	Oil pressure switch (0.3 bar)
G21	Speedometer
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
L75	Digital display illumination
T4h	4-pin connector, behind steering column switch trim
T24	24-pin connector, on engine left
T28	28-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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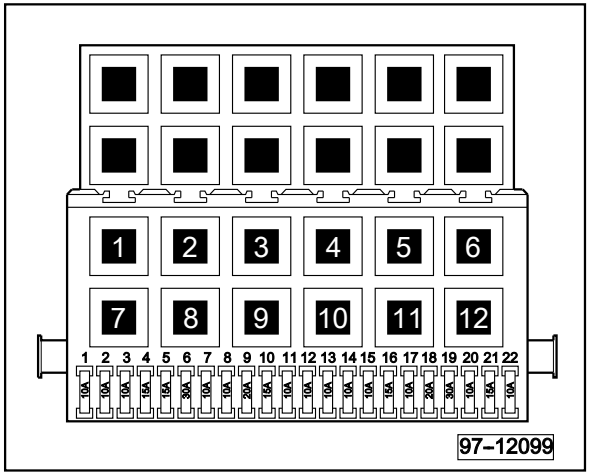
1.6 l/55 kW 1AV, engine codes ALM

From May 1998-1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



12 - Fuel pump relay (167)

Notes:

- *The number in brackets behind the part designation denotes*
- *the control number on the housing.*

Fuse colours

30 A - green
25 A - white
20 A - yellow
15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

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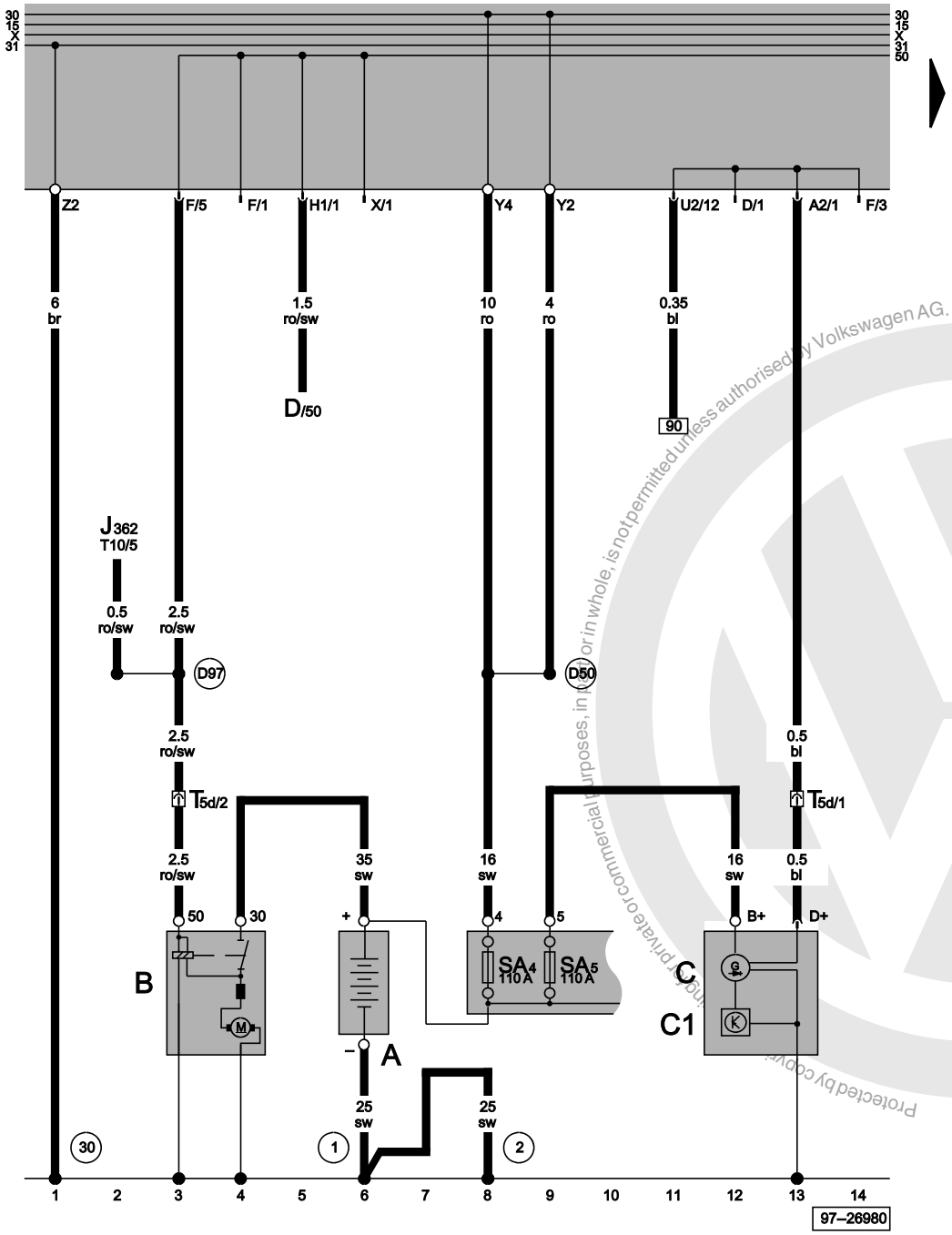

Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
D	Ignition/starter switch
J362	Immobilizer control unit
SA4	Fuse -4- on battery fuse box
SA5	Fuse -5- on battery fuse box
T5d	5-pin connector, black, in engine compartment, near gearbox
1	Earth strap, battery - body
2	Earth strap, gearbox - body
30	Earth point -1-, next to relay plate
D50	Positive (+) connection (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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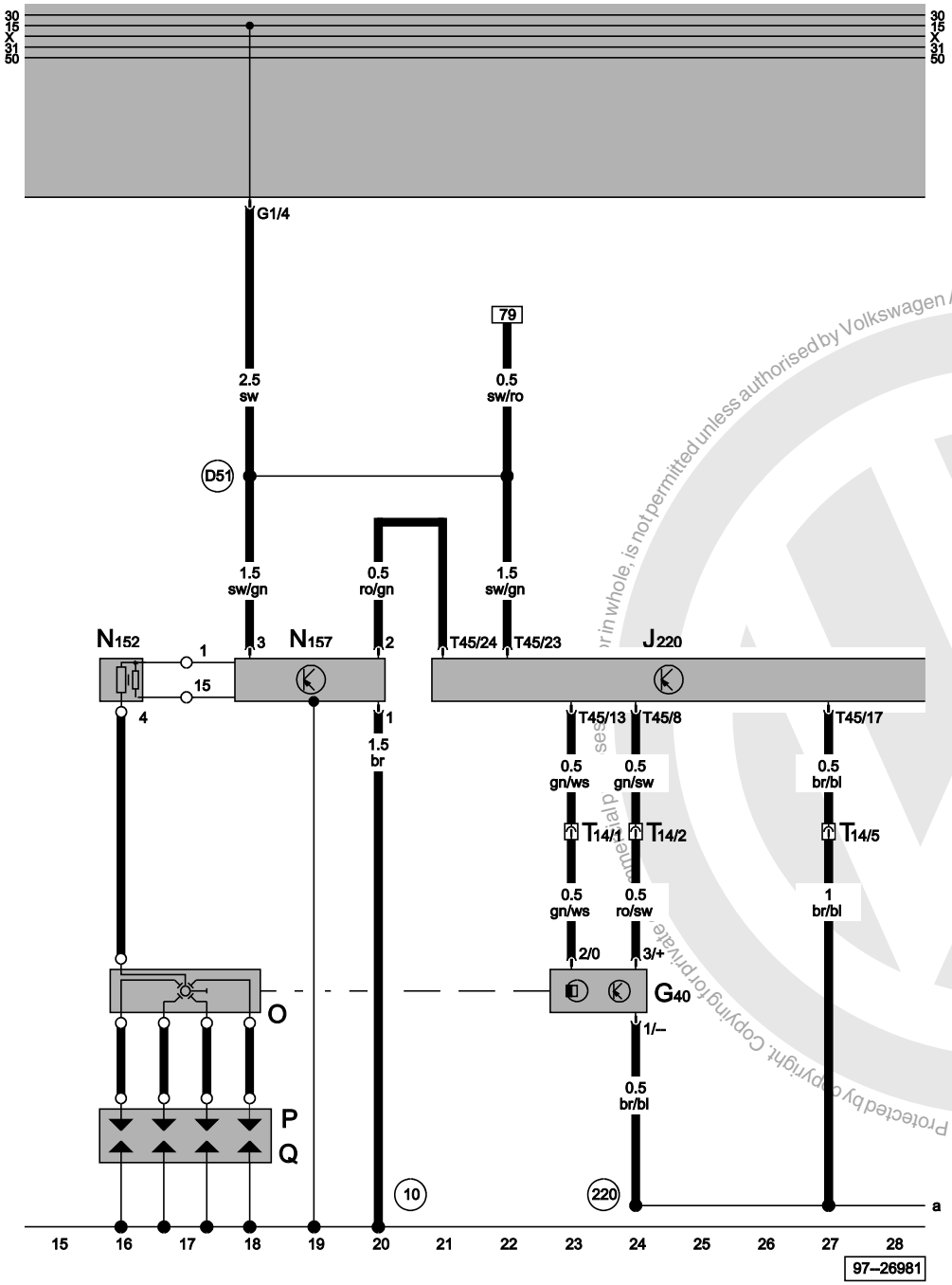

Motronic control unit, ignition transformer, hall sender

G40	Hall sender
J220	Motronic control unit
N152	Ignition transformer
N157	Ignition transformer output stage
O	Ignition distributor
P	Spark plug connector
Q	Spark plugs
T14	14-pin connector, black, in engine compartment
10	Earth point, in plenum chamber
220	Earth connection (sender earth), in engine wiring harness
D51	Positive (+) connection -1- (15), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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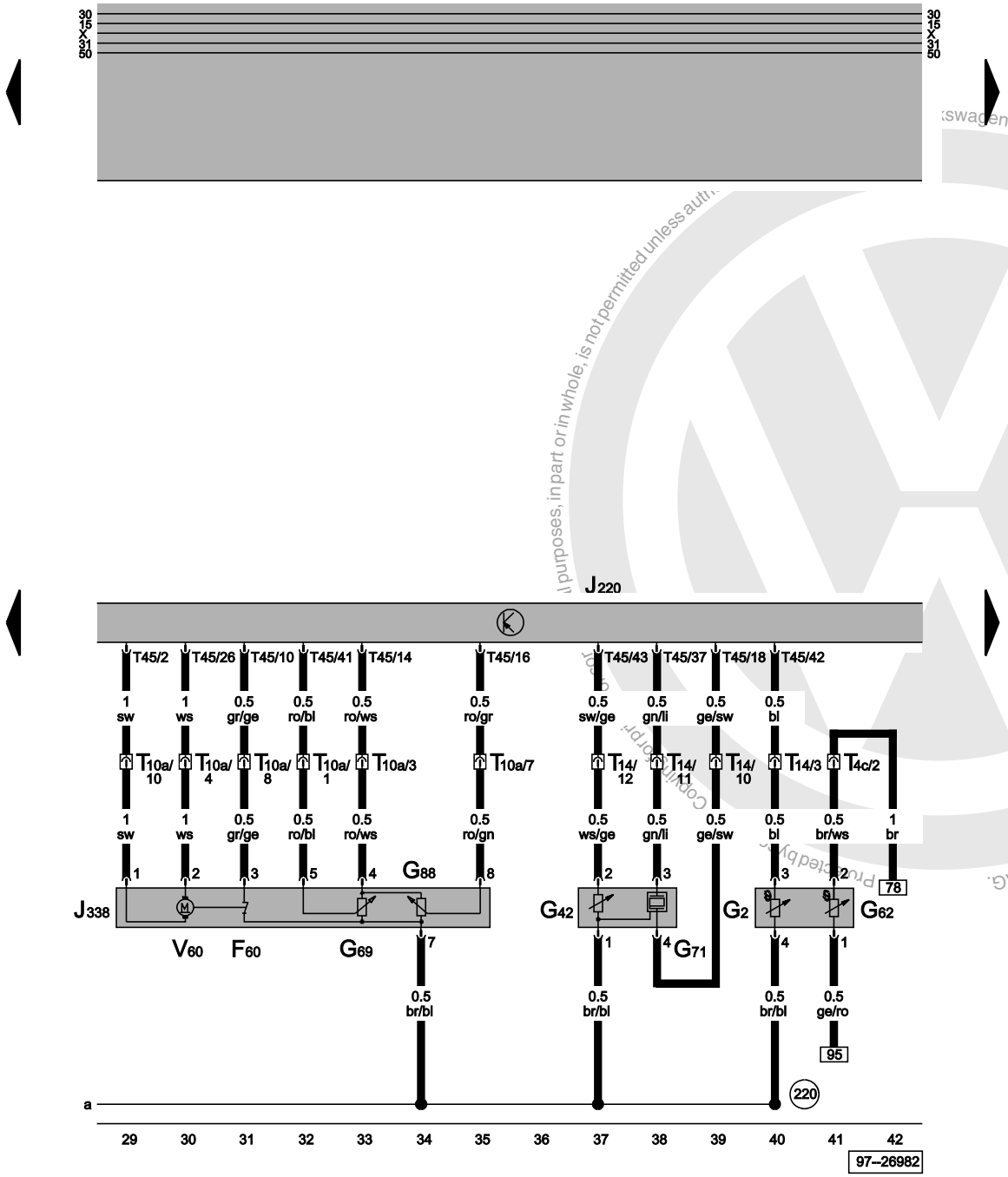

Motronic control unit, throttle valve control unit, coolant temperature sender, intake air temperature sender

F60	Idling switch
G2	Coolant temperature sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G69	Throttle valve potentiometer
G71	Intake manifold pressure sender
G88	Throttle valve positioner potentiometer
J220	Motronic control unit
J338	Throttle valve control unit
T4c	4-pin connector, black, in engine compartment
T10a	10-pin connector, black, in engine compartment
T14	14-pin connector, black, in engine compartment
V60	Throttle valve positioner
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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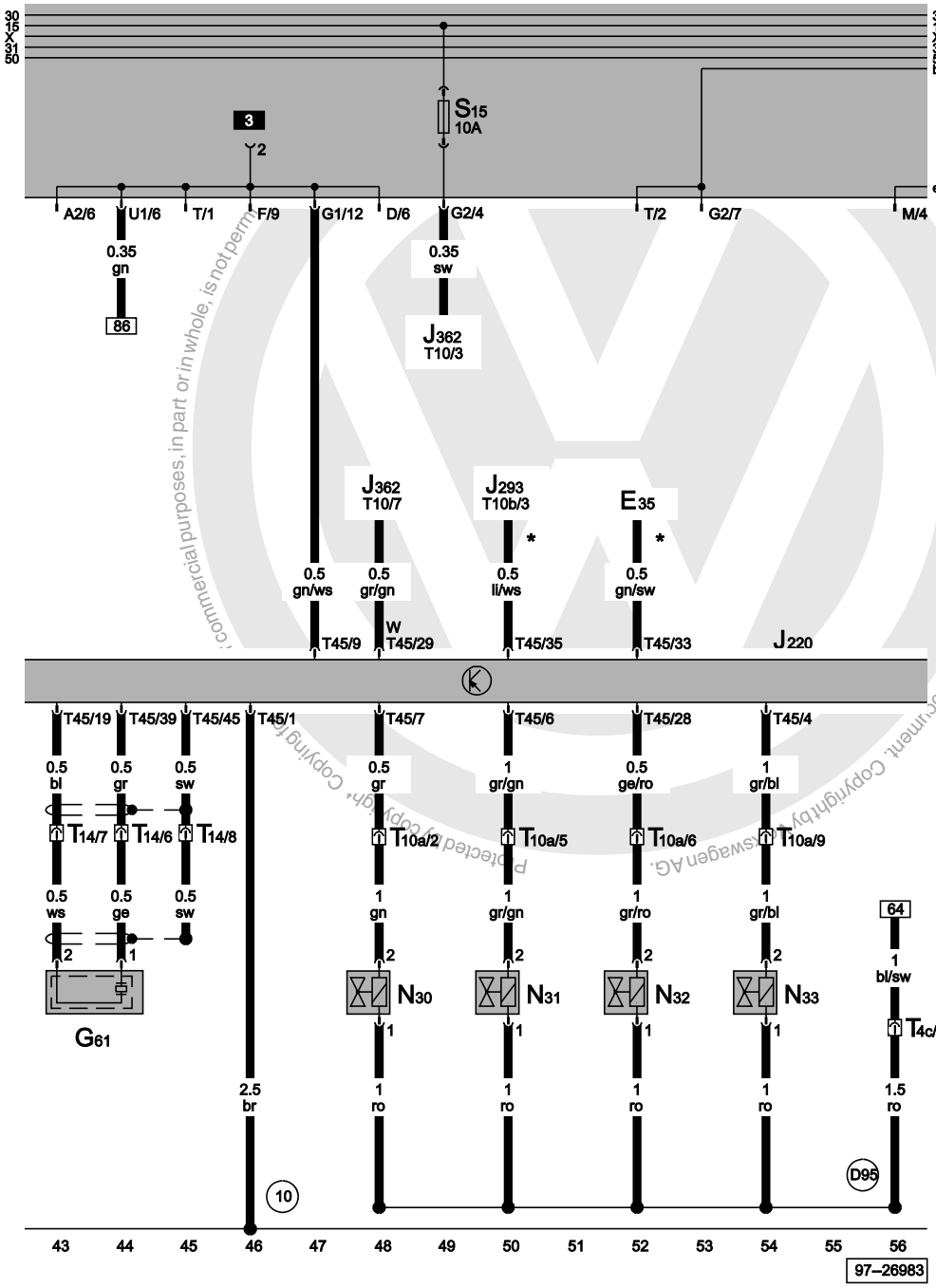

Motronic control unit, knock sensor I, injectors

E35	Air conditioner switch
G61	Knock sensor I
J220	Motronic control unit
J293	Radiator fan control unit
J362	Immobilizer control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T4c	4-pin connector, black, in engine compartment
T10a	10-pin connector, black, in engine compartment
T14	14-pin connector, black, in engine compartment
10	Earth point, in plenum chamber
D95	Connection (injectors), in engine compartment wiring harness
*	Only models with air conditioner

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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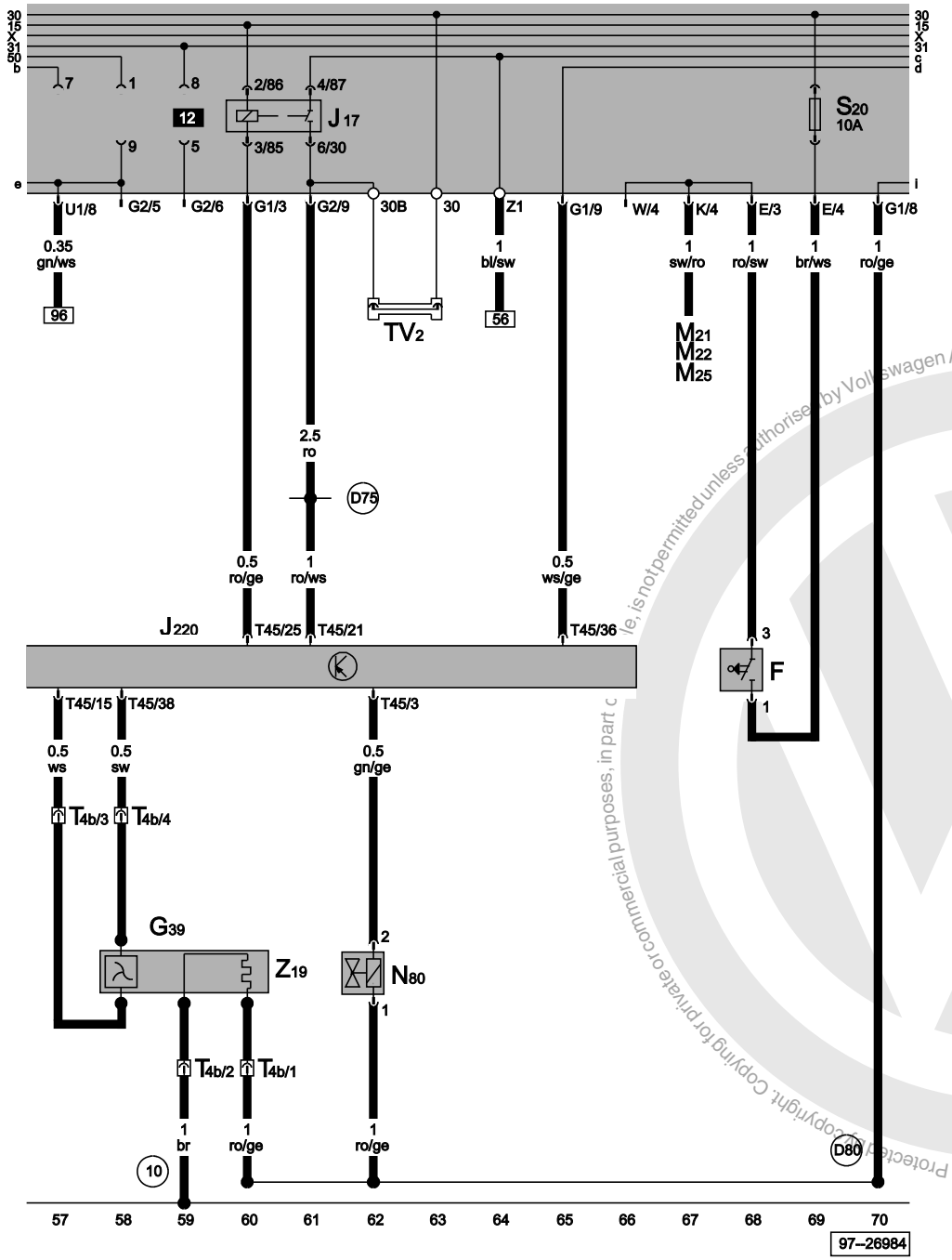

Motronic control unit, activated charcoal filter system solenoid valve 1 (pulsed), brake light switch, lambda probe

F	Brake light switch
G39	Lambda probe
J17	Fuel pump relay
J220	Motronic control unit
M21	Brake and tail light bulb, left
M22	Brake and tail light bulb, right
M25	High level brake light bulb
N80	Activated charcoal filter system solenoid valve 1 (pulsed)
TV2	Terminal 30 junction box
Z19	Lambda probe heater
10	Earth point, in plenum chamber
D75	Positive (+) connection -2- (30), in engine compartment wiring harness
D80	Positive (+) connection (87a - for active. charcoal filter system solenoid), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
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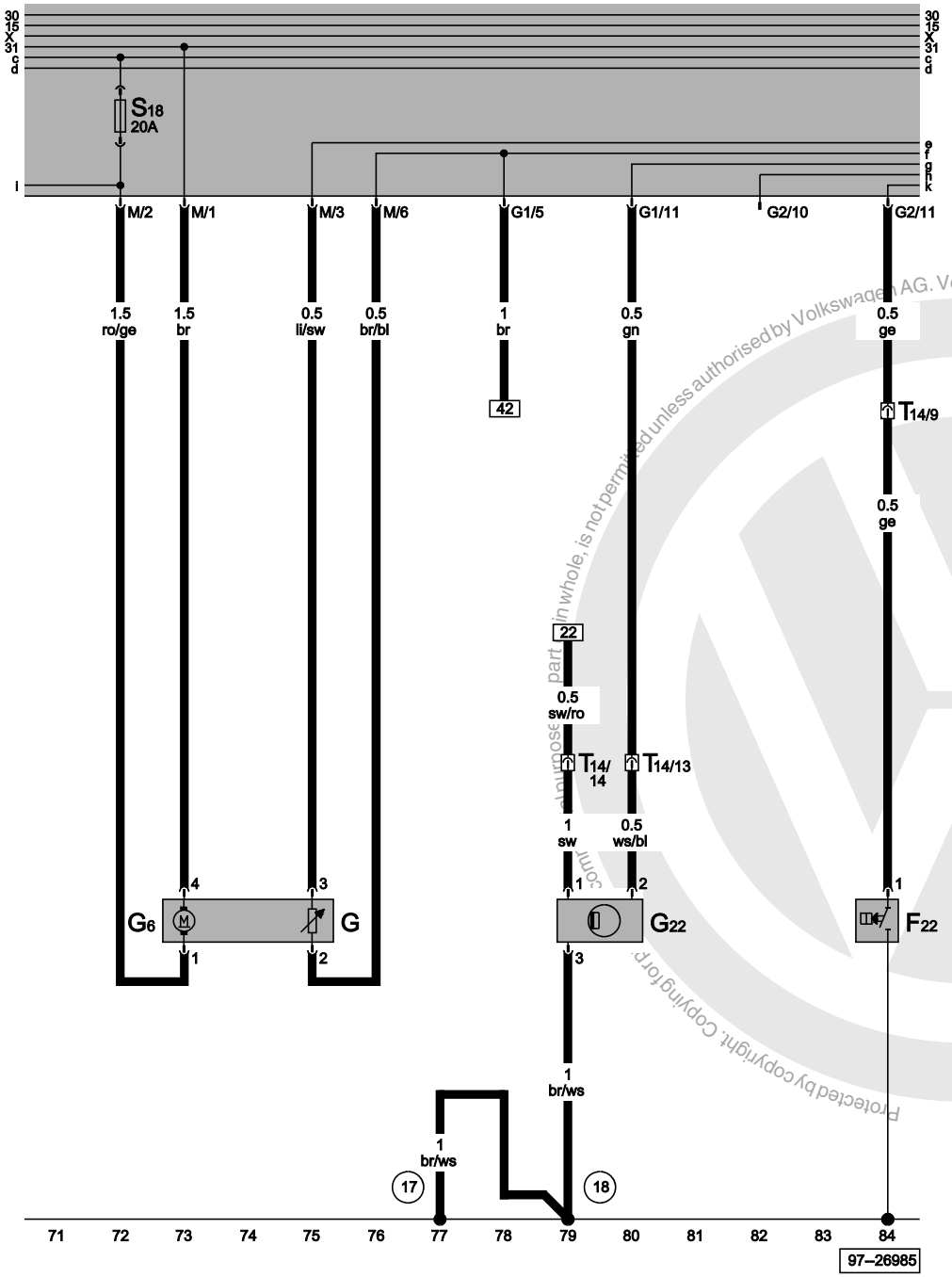

Fuel gauge sender, fuel pump (pre–supply pump), oil pressure switch (0.3 bar), speedometer sender (hall sender, on gearbox)

F22	Oil pressure switch (0.3 bar)
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
G22	Speedometer sender (hall sender, on gearbox)
T14	14-pin connector, black, in engine compartment
17	Earth point, on intake manifold
18	Earth point, on engine block

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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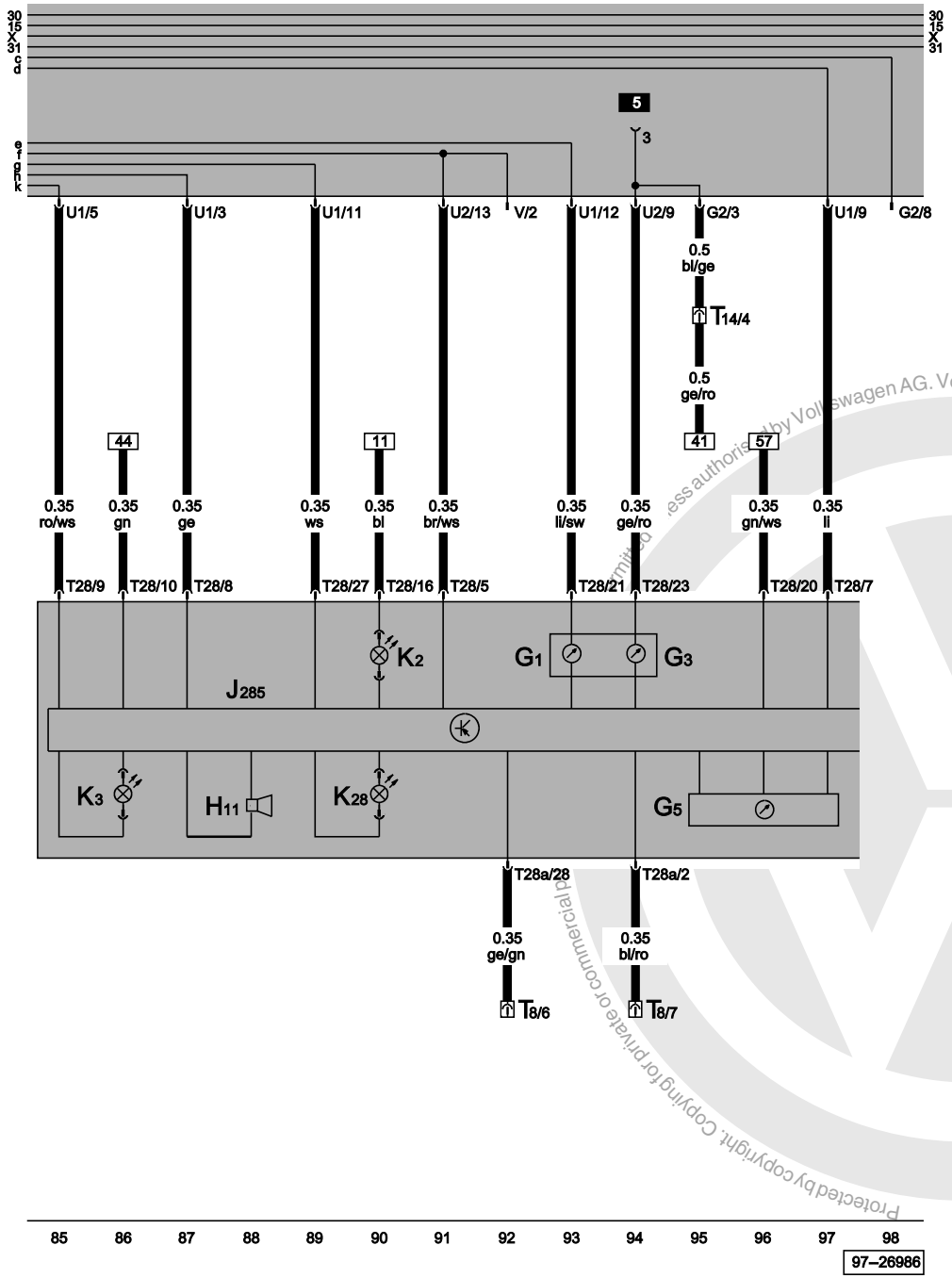

Dash panel insert

G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
H11	Oil pressure warning buzzer
J285	Control unit with display in dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature/coolant shortage warning lamp
T8	8-pin connector, black, behind dash panel, left
T14	14-pin connector, black, in engine compartment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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